

AMERICAN RAILROAD JOURNAL.

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Mr. FREDERIC ALGAR, No. 8 Clements Lane, Lombard Street, London, England, is the authorized European Agent for the JOURNAL.

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American Railroad Journal.

New York, Saturday, September 14, 1878.

Anticipating Redemption.

This nation has been misbehaving like a bad child. One year ago there was a constant cry for silver. Silver was the only toy that would satisfy the child. Congress like an indulgent mother proceeded to gratify the child by furnishing silver in abundance. But no sooner was the child given all it asked for than it suddenly discovered this silver toy was not what it wanted after all; it didn't want silver now but it did want dollars. Of course it must be gratified again.

It is likely at the next session of Congress that we shall see the curious sight of the same gentlemen who so earnestly championed the silver bill as earnestly asking for its repeal. The reasons, of course, will be that the bill did not meet the wants of the country; that and the attendant changes brought about by the resumption of specie payments, with a trifle of politics added to give a briskest flavor; then who will dare to laugh?

Legislative wisdom is a good thing in its place;

and the appearance of wisdom seems to be the next best thing. The gentlemen who gave us the silver bill cannot now claim to have done a wise act, but after its repeal at their suggestion they can point to the final result as a mild financial triumph.

We noticed only last week in our financial columns the liberal offer of the Treasury to pay express charges on silver dollars in sums of one thousand to ten thousand dollars for the benefit of all banks or banking institutions which might desire to see new silver money. The liberality of the Treasury was unusual and one would expect to see and hear new dollars everywhere. Nothing of the kind has taken place, no new dollars are wanted.

And now comes a more singular act on the part of the Treasury. The Secretary in a circular to Sub-Treasurers permits them to exchange silver for legal tender notes; in fact to begin practical redemption of greenbacks on and after the 16th instant.

No harm will come from this haste in redemption, practically. Even the Secretary himself can scarcely expect any good from it. He felt it his duty evidently to leave no stone unturned to put the new silver dollars in circulation; hence he is willing to exchange a few of them for paper just to oblige the public. The liberality of the Treasury in the matter of the new silver dollars deserves praise whether we want the dollars or not. If people want any of the new silver dollars they ought now to come forward and take them. If they don't want them—but they said before the passage of the Silver bill that they wanted these dollars and could not be happy without them. The Secretary of the Treasury will be criticised for this last effort to put the new silver coinage in circulation. At first sight it does appear to be a stretch of the law concerning redemption of legal tender notes. If, however, as we believe, no considerable sum of silver can be made to circulate while the dollar remains at its present weight and value, these curious efforts to make it circulate will show plainly its inability to do what was expected of it and a speedy remedy will come.

To-day the paper dollar is worth so much more

than the silver dollar that we prefer paper. If the difference at this time between legal tenders and gold is less than one-half of one per cent, while the new silver dollar cannot claim a greater commercial value for all purposes than 88 to 89 cents as compared with gold, it is natural that we should decline to exchange for silver with or without express charges paid on it.

Happily for the nation, and happily too for the friends of the new dollar, the balance of trade is so strongly in our favor that no probable demand for the exportation of coin can arise soon. If we were called upon to pay a foreign balance as in other years the merits of the new dollar or any other coin not equivalent to the gold standard would be speedily settled. The gold, coin or bullion, would go abroad while the depreciated coin no matter of what metal would stay at home at a discount. And it is strange that men should expect a depreciated dollar to pass current even backed by the law. Every one feels that he has a right to demand a fair equivalent for his own commodity. It is this feeling more than anything else that prevents the new dollar from passing as an evidence of value. What we want is full value. Give us a dollar's worth of silver and we will accept it as well all the commercial world to whom we may desire to pay it.

Connecticut and Passumpsic Rivers R. R.

The annual meeting of the Connecticut and Passumpsic Rivers Railroad Company was held at Newport, Vt., on the 4th inst. The President, Emmons Raymond, called the meeting to order and presented the report of the directors for the past year. He said "the road had had a hard year financially, but on the whole it is gratifying to know that in the midst of so many obstacles and difficulties we have held our own, and the road is in better condition to-day than one year ago. We have had to reduce expenses and economize in every way possible and practicable, and yet the road is in a most excellent condition. The net earnings are \$21,720 less than last year." The following directors were elected: Emmons Raymond, T. P. Redfield, Gardner C. Brown, Amos Barnes, Warren K. Blodgett, Alden Spear, Lucius Robinson, Stephen Foster and F. A. Prentiss. At a subsequent meeting of the directors

Emmons Raymond was elected President; T. P. Redfield, Vice President; E. Cleveland, Secretary; N. P. Lovering, Treasurer.

The Amazon and American Trade.

The survey of the River Amazon and its tributaries, which is now being prosecuted by Commander Selfridge—so well known through his surveys for a ship canal across the Isthmus of Tehuantepec—has been undertaken at the right time, and cannot fail to prove of advantage to us in our commercial intercourse with Brazil. The construction of the Madeira and Mamore railroad, for which Brazil has given the contract to the Messrs. Collins, of Philadelphia, will be a further aid to the extension of our trade not only with Brazil, but with Bolivia also. Heretofore the navigation of the upper waters of the Amazon, and especially of its chief tributaries, has been rendered difficult from the want of trustworthy charts, as well as of proper buoys and lighthouses, while adventurous traders were further harassed and put under restrictions by the shipping laws of Brazil. These things, it is hoped and believed, will now be remedied, and that by the adoption of a more enlightened policy the great navigable waters of that empire will be thrown open to American commerce under conditions that will give us a fair proportion of that trade which is now largely monopolized by European merchants.

Texas and Pacific Railway.

The earnings of this road for the years ending May 31, 1877 and 1878, were:

	1877.	1878.
From passengers....	\$524,198 47	\$592,694 12
" freight.....	1,449,988 48	1,660,645 14
" express.....	19,849 35	24,273 83
" mail.....	31,085 00	30,979 65
" telegraph.....	18,801 00	17,437 61
" miscellaneous.	4,581 00	5,280 00
	\$2,043,458 30	\$2,331,310 35
Expenses, viz:		
Conducting train....	\$435,790 00	\$447,088 59
Motive power.....	306 437 39	358,783 92
Maintenance of cars...	184,897 32	117,452 61
Maintenance of way....	425,047 18	484,526 78
General office exp....	50,474 07	40,592 48
	\$1,352,445 96	\$1,448,489 38
Net earnings....	\$691,007 34	\$882,870 97
Additional charges to exp. ac't:		
For charter and legal exp.	\$24,656 66	
General office expenses...	59,008 90	
Insurance.....	11,869 58	
Taxes.....	57,644 24	
		153,179 38
Net revenue.....		\$729,691 59
With which to pay—		
Interest on 1st mortgage bonds.....	\$198,150 00	
Interest on Consolidated mortgage bonds.....	427,320 00	
Interest on floating indebtedness.....	32,579 34	
Premium on gold and exchange.....	21,553 37	
		679,602 71
Surplus on year's business.....	\$50,088 88	

Compared with the previous year, the gross earnings of 1878 show an increase of \$287,857 05, with an increase in expenses of \$95,993 42, making the increase in net earnings \$191,863 63. The gross earnings per mile of road operated were \$5,250 70, the working expenses \$3,262 25, and the net earnings \$1,988 45; in 1877, the earnings

per mile of road operated were \$4,926 95, the expenses \$3,260 87, and the net earnings \$1,666 08—showing an increase in earnings of \$323 85, an increase in expenses of \$1 38, and an increase in net earnings of \$322 37. The percentage of operating expenses for the year was 62.13; last year it was 66.18—showing a decrease of 4.05 per cent.

The gross earnings for the year of the Transcontinental Division were \$482,201 02, which is \$3,236 25 per mile of road operated. Last year they were \$315,920 66, or \$2,375 34 per mile, showing an aggregate gain for the year of \$166,280 36, or \$860 91 per mile of road operated.

On the Jefferson and Southern Divisions, the gross earnings were \$1,819,103 33, or \$6,263 16 per mile of road operated, against \$1,727,432 64 or \$6,131 43 per mile the previous year, an aggregate gain of \$121,676 69 for the year, or \$136 73 per mile of road operated.

The number of miles of road (main track) operated, was the same at the commencement as at the close of the year, and is described as follows:

	Miles.
From Shreveport to Fort Worth.....	219.69
From Texarkana to Sherman.....	155.12
From Marshall to Texarkana Junction....	69.05
Total length of main track.....	443.86
The average number of miles operated the previous year was.....	414.75

Which shows an increase over last year of 29.11 miles of road, or a fraction over 7 per cent.

At the commencement of the year the company had 36.94 miles of side tracks, and at the close of the year it had 39.44 miles, showing that 2.50 miles of siding was added during the year. The total length of main track and sidings, May 31st, 1878, was 483.30 miles.

The company have 49 locomotives, 14 first class and 14 second-class passenger, 1 directors', 3 baggage combination, 11 baggage, mail and express, 487 box, 164 stock, 81 caboose, 395 flat, 1 wrecking, 2 pile driving and 6 boarding cars.

Miles run by passenger trains, 412,849; freight trains, 784,906; work trains, 179,947; switch trains, 169,748—total, 1,547,435. Miles run to cord of wood, 26.35; to pint of oil, 11.27. Cost of working locomotives, including repairs, fuel, oil and waste, etc., 0.2453 cent per mile run.

Coupon passengers carried, 53,885; do. carried one mile, 7,449,718. Local passengers carried, 191,227; do. carried one mile, 7,555,084. Total passengers carried, 245,112; do. carried one mile, 15,004,800. Average miles each passenger was carried: coupon, 138.24; local, 39.51—average distance, 61.21. This shows an increase, compared with the previous year, of 25,009 in the number of passengers carried; 1,118,301 in the number carried one mile; and a decrease of 1.88 miles in the average distance traveled by each passenger.

Local freight in tons, 297,955; number of tons carried one mile, 38,543,659. Through freight in tons, 91,012; number of tons carried one mile, 12,478,775. Total freight in tons, 388,967; total tons carried one mile, 51,022,434. Average haul of local freight per ton, 129.36 miles; do. through freight per ton 137.11 miles—average haul per ton, 131.17 miles. This shows an increase in tons of freight carried of 33,178; in tons carried one mile of 7,652,553; and in average distance

each ton was hauled of 10.67 miles. The cotton shipments aggregate 214,438 bales, against 230,133 bales in 1877, showing a decrease of 15,695 bales. The report says:

This decrease in number of bales hauled is more apparent than real, and is accounted for in the shipments from Shreveport, from which point there was forwarded last year, by rail, 9 245 bales. During the previous year, because of the low stage of water in Red River, there was shipped by rail from Shreveport 42,972 bales of cotton, showing a deficit of 33,727 bales in the rail shipments from that station. This forced shipment by rail was made at very low rates, and was, most of it, a second handling of cotton that had been hauled into Shreveport over your road.

The number of original bales hauled during the year, undoubtedly exceeded that of the previous year.

The revenue derived from cotton shipments, shows an increase during the year of \$27,282 23, or 8.63 per cent over the previous year, which is evidence that the cotton business done, has been more remunerative for the year just closed than for the preceding year.

Our shipments of live stock for the year, show an increase in tonnage of 68 35 per cent, and in revenue of \$64,626 31, or 67.46 per cent.

The shipments of lumber were increased 26.37 per cent and the revenue was increased \$95,055 93, or 25.6 per cent.

Of the entire tonnage, 297,955 tons, or 76.60 per cent was local business, and 91,012 tons, or 23.40 per cent was through business; and of the total revenue, 85.04 per cent was from local tonnage, and 14.96 per cent from through tonnage.

Of the total tonnage moved during the year 31.95 per cent was lumber, 13.75 per cent was cotton, 14.76 per cent was live stock, 39.54 per cent covered all other tonnage.

Of the total revenue derived from freight 28.08 per cent was from lumber, 20.68 per cent was from cotton, 9.66 per cent was from live stock, 41.48 per cent was from other tonnage.

The policy of your company has been to permit all business to take natural channels, and the result has been, that we show an increase in commercial tonnage for the year exceeding 22 per cent, and a decrease in the average rate of 0.13 of one cent per ton per mile, with an aggregate increase in revenue of \$287,000; and these highly satisfactory results may fairly be taken as evidence of the rapid growth and development of the material interests of Texas, along the line of this highway; a growth and development that will compare favorably with that of any other section of the State or country.

The percentage of working expenses was 62.13 per cent of the receipts, against 66.18 per cent last year, which is a decrease of 4.05 per cent, and while this is a gain over the previous year, it is not as large a gain as was hoped for, and we expect a very decided improvement on these figures for the current year.

Very heavy expenditures have been made during the year in the Maintenance of Way Department.

Our records show that there have been put into the track 244,677 cross-ties, 150,430 pounds of spikes, 31 sets of switch ties, 3,556 pairs of splice bars, 22,689 pounds of track bolts, 1,500 washers and 612 chairs.

There have been ballasted 29½ miles of track during the year; 18,372 cubic yards of gravel, 5,985 cubic yards of stone, and 3,638 cubic yards of sand being used in this work.

Of new sidings, 25,623 lineal feet have been put down, and 12,438 lineal feet have been taken up or removed during the year, making an increase of 13,185 feet in length of sidings.

An unusually large amount of work has been done upon our bridges; 43,978 lineal feet, or over 8½ miles, have been rebuilt during the year. There were used in this rebuilding, 4,320 cypress piles, 1,684,284 feet of lumber, 43,761 pounds of bridge spikes, 3,460 pounds of nails, 32,190 pounds of bolts, 8,862 washers,

A large amount of excavation has been done with the steam shovel purchased last year. The Jefferson trestle, 2,400 feet, has been filled with 36,969 cubic yards of material, and 8,054 cubic yards of material have been used in filling in the Lake Fork trestle. The banks have been widened on a considerable portion of the road; and in addition, 1,060 feet of the second pile bridge west of Dallas have been filled in with 18,000 cubic yards of material moved by teams and scrapers. Contracts have also been made to fill the Choctaw trestle, the Mill Creek trestle, the first trestle east of Mill Creek, and Bois d'Arc bridge on the west end of the Transcontinental division.

The length of the bridges that are to be so replaced with embankment, is 3,150 feet, and it will require about 95,000 cubic yards of material to be moved to do the work.

It will be noticed that during the year, capital stock account has been decreased \$464,900; that \$497,000 of the old land grant bonds, with \$62,580 of past due coupons have been withdrawn and deposited with the trustees of the new income and land grant mortgage; and that \$189,000 of old construction bonds, outstanding at the date of last report as collateral for construction company obligations not then matured, (being the balance outstanding under that mortgage) have also been received during the year.

This reduction of capital stock account and in the old land grant mortgage bond and coupon accounts, has been made under the adjustment contract previously authorized; and new income and land grant bonds, and scrip, have been issued under the same contract.

In this connection it is proper to state, that out of \$9,130,550 41 of original indebtedness of the California and Texas Railway Construction Company, of which \$655,639 05 was unliquidated at the date of the last annual report, \$8,988,150 31 has been paid in full, leaving but \$142,400 10 outstanding at this time; and the officers of that company are confident of being able to provide for the remainder of this indebtedness before many months.

There have been sold during the past year \$347,000 first mortgage \$8,000 per mile bonds, that have netted the company in cash \$291,821 56, which is 84.1 per cent of their face value; and \$42,000 of the consolidated mortgage bonds have also been disposed of.

The increase of revenue from local passengers was 14.1 per cent, and from through passengers it was 11.8 per cent. The increase in the rate of fare per passenger per mile, as compared with last year, was equal to 4.8 per cent. There was a decrease in the local rate per mile of 2.4 per cent, and an increase in the through rate per mile of 11.5 per cent.

The increase of revenue from local freight was \$212,316 24, equal to 17.7 per cent; on through freight there was a decrease of \$1,659 58, equal to 0.6 of one per cent. The decrease in rate per ton per mile, compared with last year, was 0.18 of one cent per ton per mile. The percentage decrease was: local 6 per cent, through 1 per cent, average 3.9 per cent.

CONDENSED BALANCE SHEET, May 31st, 1878.

Construction account (1)	\$26,540,239 61
Land department expenditures (2)	259,116 83
Real estate	445 27
San Diego land donation (3)	13,519 89
Property account—bonds and stock	277,516 76
First mortgage bonds in treasury	207,000 00
Consolidated mortgage bonds in treasury	63,000 00
Bills and accounts receivable	89,330 36
Cash in treasury	46,833 05
Material on hand	149,779 04
Expense account	25,113 85
	\$27,071,894 66

Capital stock	\$7,018,500 00
First mortgage 6 per cent gold, \$8,000 per mile bonds—payable March 1, 1905	8,552,000 00
Consolidated mortgage 6 per cent gold, construction bonds—payable June 1, 1905	7,548,000 00
Income and land grant 7 per cent currency bonds	\$6,459,000
Old land grant bonds outstanding	1,064,000
Coupons old land grant bonds to be funded in new income and land grant bonds	183,225
	7,706,225 00
State of Texas School Fund loan	189,180 10
Bond scrip, fractional, redeemable in bonds on presentation	94,918 35
Interest scrip	9,520 00
Town lot sales	17,579 86
Texas land sales	11,617 97
Coupons payable June 1, 1878	155,850 00
Balance M. & E. P. bond account	249,348 00
Balance of income account	376,218 48
Accounts payable, current balances	442,263 25
Bills payable	300,725 65
	\$27,671,894 66

(1) Which includes all the expenditures for survey and location of 1,457 miles of line west from Fort Worth; and for construction work and material on line in California, and between Sherman and Fort Worth, in addition to constructing and equipping 444 miles of road in operation in Texas and Louisiana.

(2) This expenditure is for account of 4,851,702 acres of land in Texas, most of it within the company's reservation. These lands are mortgaged to secure the Income and Land Grant Bonds (registered) issued by the company.

(3) This is represented by about 8,000 acres of land in San Diego.

The general office of the company is at No. 275 South Fourth St., Philadelphia. The officers are: President.—THOMAS A. SCOTT.

Vice Presidents.—FRANK S. BOND, JOHN C. BROWN.

Assistant to the President.—JAMES P. SCOTT.

Directors.—Thomas A. Scott, Pennsylvania; Frank S. Bond, Pennsylvania; John C. Brown, Tennessee; W. W. Keefer, Pennsylvania; H. H. Houston, Pennsylvania; R. D. Barclay, Pennsylvania; Marshall O. Roberts, New York; Henry G. Stebbins, New York; William Thaw, Pennsylvania; W. T. Walters, Maryland; Alfred Gaither, Ohio; W. C. Hall, Kentucky; W. S. McManus, Pennsylvania; T. L. Nesmith, California; W. M. Harrison, Texas.

Treasurer.—GEORGE D. KRUMHAR.

Secretary.—CHAS. E. SATTERLEE.

Transfer Agent.—E. B. HART, 50 Exchange Place, New York.

Norfolk and Albemarle Sound Survey.

Capt. Charles B. Phillips, of the United States engineering corps, and his surveying party left Norfolk on the 4th inst. to make a thorough survey of the most practicable route for military and commercial purposes between Norfolk harbor and the Albemarle sound, for which the sum of twenty thousand dollars was appropriated by Congress. The party embraces some forty men, two steamers and two large barges, fitted up for sleeping and living on. One-half go by the Albemarle and Chesapeake canal, reaching Albemarle sound by way of North River, and the other through the Dismal Swamp canal and the Pasquotank river. The southern termini of these routes, both already opened, are within five miles of each other on the sound, and both terminate northwardly on the

southern branch of the Elizabeth river. The survey is not restricted to these routes, and all practicable lines will meet with consideration, but there can be little doubt that one of the two will be indorsed by the survey.

Central Railroad of New Jersey.

There was recorded on the 7th inst. in the Register's office a mortgage made by the Central Railroad Company of New Jersey to John S. Kennedy, John Edgar Johnson and Jacob D. Vermilye, bankers, as trustees for bondholders to secure \$5,500,000. The mortgage covers the entire franchise lease and rolling stock. The instrument is very voluminous and carefully prepared, and has been recorded in every county of Pennsylvania and New Jersey through which the road runs. The bonds are issued in accordance with an agreement made by the company with divers of its stockholders and creditors to adjust the affairs of the company without a foreclosure. Among other clauses in the instrument (which is dated May 1, 1878) is one which states that the new bonds are exchangeable for those of the old issue.

The Chicago and Michigan Lake Shore Railroad will be sold at Grand Rapids, Michigan, on the 15th of November, under a decree of foreclosure. It will be sold in four lots: First. The road from New Buffalo, Mich., to Montague, 143 miles, this section being subject to a prior mortgage for \$500,000. Second. The line from Montague to Pentwater, 27 miles, with the right of way, etc., from Pentwater to Manistee. Third. The branch from Holland to Grand Rapids, 24½ miles. Fourth. The branch from Muskegon to Big Rapids, 51 miles. Arrangements have been made for the purchase of the road by the bondholders.

The Directors of the New York Elevated Railroad have decided to open the road on the East Side to Sixty-seventh street on Monday next. They have also decided to begin running trains till midnight on Sunday next, and to continue doing so thereafter, from Sixty-seventh street to the Battery on the East Side, and from Fifty-ninth street to the Battery on the West Side.

The Catsanauqua and Fogelsville Railroad Company have contracted with Messrs. Fairbanks & Ewing, Philadelphia, Penn., for a railroad track scale 112 feet long and 250,000 pounds capacity, similar to those in use by the Pennsylvania, Philadelphia and Reading, and Lehigh Valley Railroads, for weighing trains of coal cars while in motion.

Most of the grading on the new railroad at Cumberland will be completed by September 15, but rails will not be laid before November 1. One hundred and eighty men are now employed on the road.

The General Term of the Supreme Court has decided to permit the building of a marginal railroad on Coney Island within a few feet of the water, over the route selected by the Commissioners appointed for that purpose.

George A. Cox, of Peterboro, has been elected President, and Charles Percy, formerly of the Great Western Railway, Manager of the Midland (Canada) Railway.

Atchison, Top. & San. Fe: January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1875.	68,659	78,410	104,051	113,474	107,644	104,437	113,450	152,215	147,552	199,926	178,953	1,520,359
1876.	117,417	144,132	180,246	197,996	219,370	186,641	198,851	248,133	265,593	297,958	295,793	2,486,562
1877.	134,864	136,350	189,130	200,681	189,915	185,731	187,142	255,572	275,042	342,822	335,078	2,679,108
1878.	174,598	184,885	306,000	290,500	291,500	251,000	330,000	467,000
Burlington, Cedar Rapids and Northern:												
1877.	73,964	68,094	73,194	72,434	71,605	69,357	73,309	113,625
1878.	165,411	147,196	125,141	115,277	139,490	101,014	95,007	104,444
Central Pacific:												
1875.	963,939	906,159	1,136,263	1,366,984	1,798,469	1,738,370	1,536,225	1,553,014	1,567,622	1,615,974	1,513,836	13,388,209
1876.	994,339	1,017,204	1,184,683	1,427,035	1,757,415	1,646,270	1,541,223	1,546,154	1,871,876	1,888,066	1,675,532	14,234,317
1877.	1,170,615	945,171	1,245,373	1,438,659	1,554,652	1,484,232	1,391,867	1,385,000	1,420,535	1,696,000	1,597,000	13,347,000
1878.	1,125,000	974,000	1,224,410	1,510,000	1,574,000	1,460,000	1,517,000	16,676,107
Chicago and Alton:												
1875.	319,928	323,219	363,627	367,956	351,004	382,233	387,445	411,960	490,283	489,019	395,779	4,656,764
1876.	305,597	346,850	355,527	364,000	423,645	451,083	403,671	510,795	524,244	532,868	367,898	3,743,551
1877.	351,608	325,047	345,454	339,385	311,266	358,982	305,927	491,728	480,933	445,597	391,616	4,464,340
1878.	316,711	298,966	357,297	335,999	357,365	349,505	435,256	563,728
Chicago and Northwestern:												
1875.	825,469	671,784	970,064	1,024,389	1,164,459	1,052,890	1,257,892	1,098,634	1,206,806	1,409,168	1,196,333	9,333,339
1876.	808,842	804,627	944,450	919,978	1,090,752	1,263,087	1,035,524	1,204,715	1,304,072	1,433,957	1,144,319	9,286,852
1877.	730,602	722,367	812,080	867,603	940,978	928,885	934,888	1,141,310	1,559,368	1,471,214	1,138,119	9,287,748
1878.	997,780	1,004,194	954,864	1,138,474	1,346,003	12,176,162
Chicago, Burl. & Quincy:												
1877.	876,835	871,768	898,055	960,198	917,447	957,734	829,300
1878.	1,045,667	911,150	1,169,831	1,118,736	1,275,516	897,090	946,427
Chicago, Mil. & St. Paul:												
1875.	466,101	323,273	502,765	639,669	718,465	742,169	842,395	630,516	741,206	974,262	927,030	8,255,744
1876.	527,546	517,113	567,644	650,961	819,562	877,693	685,270	569,775	645,831	817,259	765,230	6,102,888
1877.	375,554	403,863	468,570	514,783	607,141	588,223	555,610	677,050	1,188,999	1,183,134	892,027	6,692,921
1878.	706,000	668,000	663,000	785,000	799,000	6						

AMERICAN RAILROAD BOND LIST.

Asterisk (*) affixed to rate of Interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Adirondack:							Blue Ridge (S. Car.):						
1st Mortgage.....	\$ 940,000	7	Jan. & July.	New York.	1886	....	1st Mort., guar. by State (gold) ..	4,000,000	7*	Jan. & July.	Charleston.	1898	....
Alabama and Chattanooga:							Boston and Albany:						
1st Mortgage, guar. by Ala.....	5,200,000	8*	Jan. & July.	New York.	1889	....	Currency bonds of Feb. 1, 1872.	5,000,000	7	Feb. and Aug.	Boston.	'91-'92	112
Receiver's Bonds.....	1,200,000	7	"	"	....	....	Loan of 1875.....	2,000,000	6	Jan. & July.	"	1896	107
Alabama and Georgia:							Boston, Clinton and Fitchburg:						
1st Mortgage, guar. by Ala. & Ga.	16,000pm	8	Jan. & July.	New York.	1891	....	1st Mortgage (Agricultural Br.)..	400,000	6	Jan. & July.	Boston.	1884	85
Alabama Central:							1st Mortgage (Equalization)....	300,000	7	"	"	1889	92
1st Mortgage.....	1,800,000	8	Jan. & July.	New York.	1901	....	1st Mortgage (Consolidation)...	252,000	7	"	"	1890	96
Albany and Susquehanna:							Equipment Mortgage.....	570,000	8	Apr. and Oct.	"	1881	90
1st Mortgage.....	1,000,000	7	Jan. & July.	New York.	1888	104	Boston, Concord and Montreal:						
2d Mortgage.....	2,000,000	7	April & Oct.	"	1885	103	Sinking Fund Mortgage.....	624,000	6	Jan. and July.	Boston.	1889	92
2d Mortgage.....	253,000	7	May & Nov.	"	1881	....	1,941,000	7	Apr. and Oct.	Boston.	1893	100	
Albany Loan.....	938,800	6	"	"	1895	....	Consol. Mortgage for \$2,000,000.	346,000	6	"	"	1893	....
Cohsol. M. (guar. by D. & H. Co.)	1,595,000	7	April & Oct.	"	1906	....	Boston, Hartford and Erie:						
Alexandria and Fredericksburg:							1st Mortgage (old).....	273,000	7	Mar. and Sept.	Boston.	1884	....
1st Mortgage.....	1,000,000	7	June & Dec.	Philadelphia.	1896	....	1st Mortgage (Bordell).....	15,000,000	7	Jan. and July.	New York.	1900	26
Allegheny Valley:							1st Mortgage, guar. by Erie.....	5,000,000	7	"	"	1900	26
General Mortgage.....	3,967,000	7.3	Jan. & July.	New York.	1896	108	Mass. L. (sec'd by \$4,000,000 Ber.)	3,600,000	7*	"	Boston.	1899	....
Special Mortgage to Penn.....	3,500,000	5	January.	Harrisburg.	....	....	Boston and Lowell:						
1st M., E. Ext., guar. by Pa. R.R.	9,938,000	7	April & Oct.	Phil. or Lond.	1900	88	Bonds (Wharf Purchase).....	200,000	6	Apr. and Oct.	Boston.	1879	101
Funding Income (traffic guar.)	5,402,900	7	"	Pittsburg.	1894	24	Bonds of 1872 for \$1,000,000....	999,500	7	"	"	1892	112
American Central:							Bonds of 1875.....	500,000	7	Mar. and Sept.	"	1895	110
1st Mort., guar. by C., B. & Q.	586,000	7	Jan. & July.	New York.	1878	100	Bonds of 1876.....	425,000	6	Jan. and July.	"	1896	108
Andrews:							Boston and Maine:						
1st Mortgage (Bath Loan).....	425,000	6	Jan. & July.	Bath, Me.	1891	....	Bonds of 1893 (coup. and reg.)..	3,200,500	7	Jan. and July.	Boston.	'93-'94	115
Arkansas Central (narrow gauge):							Boston and New York Air Line:						
1st Mortgage.....	1,200,000	7*	Jan. & July.	Lond. or Ama.	1891	....	1st mortgage.....	500,000	7	Feb. and Aug.	New York.	1893	102
Ashtabula, Youngstown & Pitta:							Boston and Providence:						
1st Mortgage.....	1,500,000	7*	April & Oct.	New York.	1901	....	Bonds to purchase P., W. & B.Rd.	500,000	7	Jan. and July.	Boston.	1893	115
2d Mortgage, Income.....	400,000	7	Jan. and July.	Pittsburgh.	1904	....	Brunswick and Albany:						
Atchison and Nebraska:							1st Mort. (goldend. by Ga. tax fr.	3,630,000	6*	Apr. and Oct.	New York.	1906	....
1st Mortgage.....	3,750,000	8	March & Sept.	Boston.	1896	21	2d Mort. sinking fund gold.....	2,360,000	7*	"	"	1893	....
Atchison, Topeka and Santa Fe:							Buffalo, Bradford and Pittsburg:						
1st Mortgage (gold).....	7,041,000	7*	Jan. & July.	New York.	1899	107	General Mortgage.....	580,000	7	Jan. & July.	New York.	1896	....
Land Gr. & Mortgage (gold)....	3,366,000	7*	April & Oct.	Boston.	1900	106	Buffalo, Corry and Pittsburg:						
1st Mort. (Wichita Br.) traf. guar	412,000	7*	Jan. & July.	"	1902	97	1st Mortgage.....	700,000	7	Jan. and July.	New York.	1886	....
Pottawatomie Land Grant.....	439,000	7	May & Nov.	N. Y. or Bost.	1879	....	Buffalo and Erie:						
Consol. Second Mort. (gold)....	3,349,000	7*	April & Oct.	Boston.	1903	98	Mort. bonds (ass'd by LS&MS)	200,000	7	Jan. and July.	New York.	1882	....
Land Income bonds.....	480,500	12	Jan. & July.	"	....	....	Mort. bonds (" ")	300,000	7	March & Sept.	"	1886	....
Atlanta and Richmond Air Line:							Mort. bonds (" ")	2,844,000	7	Apr. and Oct.	"	1898	111
1st Mortgage (guar. by Georgia).	4,248,000	8	Jan. & July.	New York.	1900	50	Buffalo and Jamestown:						
Atlantic and Great Western:							Mortgage.....	1,000,000	6*	"	New York.	1902	....
1st Mortgage (gold).....	14,922,200	7*	Jan. & July.	N. Y. or Lond.	1902	....	Buffalo, New York and Erie:						
2d Mortgage (gold).....	10,173,979	7*	March & Sept.	"	1902	....	1st Mortgage Renewal Bonds..	2,380,000	7	June & Dec.	New York.	1916	105
3d Mortgage (gold) Income.....	28,783,000	7*	May & Nov.	"	1902	....	Buffalo, New York & Phila.:						
Atlantic and Gulf:							1st Mortgage.....	2,296,000	6*	Jan. & July.	New York.	1896	93
Consolidated 1st Mortgage.....	2,310,200	7	Jan. & July.	New York.	1887	98	2d Mortgage for \$1,000,000....	281,500	10	"	"	1893	....
1st Mortgage (S. Ga. & Fla. R.R.)	464,000	7	May & Nov.	"	1888	....	Burlington, Cedar Rapids & Nor:						
2d Mortgage (S. Ga. & Fla. R.R.)	200,000	7	"	"	1889	....	1st Mortgage.....	6,500,000	5	June & Dec.	New York.	1906	69
Atlantic and Lake Erie:							1st Mort. (Minn. & St. Louis)...	150,000	7*	Jan. & July.	"	1911	....
1st Mort. (gold) for \$5,000,000...	....	7*	Jan. & July.	New York.	1901	....	Burlington and Missouri River:						
Atlantic, Miss. and Ohio (428 m.)							Land and R. R. Mortgage.....	4,638,250	7	April & Oct.	N. Y. & Bost.	1893	112
1st Mortgage for \$15,000,000...	5,470,000	7*	April & Oct.	New York.	1901	....	Stock Bonds pref. 3d lien.....	298,500	8	Jan. & July.	Boston.	1878	....
2d Mort. to State (no int. till '80).	4,000,000	....	"	"	....	....	Stock (common) Bonds.....	289,500	8	April & Oct.	N. Y. & Bost.	1879	106
Atlantic and Pacific:							Stock (common) Bonds.....	280,000	8	Jan. & July.	"	1894	106
Land Mortgage gold bonds.....	2,829,000	6*	Jan. & July.	New York.	1888	....	Stock (common) Bonds.....	401,000	8	"	"	1889	....
2d Mortgage for \$3,000,000 (gold)	2,015,500	6*	May & Nov.	"	1891	....	Burlington and Mo. Riv. in Neb.:						
1st Mort. (So. Pac. R.R. assumed)	7,188,500	6*	Jan. & July.	"	1888	61	1st Mortgage convertible.....	5,715,000	8	Jan. & July.	N. Y. & Bost.	1894	119
1st Mort. (Central Div.) gold.....	1,180,000	6*	May & Nov.	"	1891	....	Bonds convertible until 1892...	600,000	8	"	Boston.	1883	109
1st Mort. (Central Div.) L. G.....	794,000	6*	"	"	1901	....	Burlington and Southwestern:						
Equipment Bonds.....	753,000	10	June & Dec.	"	1883	....	1st Mortgage (\$20,000 per mile).	1,800,000	8	May & Nov.	Boston.	1891	13
Income Bonds (for funding)....	529,800	6*	"	"	1883	....	Cairo and Fulton (Arkansas):						
Land Debentures.....	800,000	10	J. A. J. & O.	"	1884	....	1st Mort. (R. R. and lands) S. F.	3,000,000	7*	Jan. & July.	New York.	1891	....
Atlantic and St. Lawrence:							Cairo and St. Louis (3 ft. gauge):						
Sterling bonds (not Mort.) of 1883.	484,000	6*	May & Nov.	London.	1878	....	1st Mortgage.....	2,500,000	7	April & Oct.	New York.	1901	....
2d Mortgage (sterling) of 1884....	1,500,000	6*	April & Oct.	"	1884	....	Cairo and Vincennes:						
3d Mortgage (sterling) of 1871....	713,000	6*	May & Nov.	"	1891	....	1st Mortgage, gold.....	3,500,000	7*	April & Oct.	N. Y. & Lond.	1909	....
Portland City Bonds, 1st M., S. f.	787,000	6	"	Portland.	1886	....	2d Mortgage.....	1,500,000	7*	Jan. & July.	"	1898	....
Bald Eagle Valley:							California Pacific:						
1st Mortgage.....	354,000	6	Jan. & July.	Philadelphia.	1881	....	1st Mortgage, sinking fund....	2,250,000	7*	Jan. & July.	New York.	1889	....
2d Mortgage.....	100,000	7	"	"	1884	....	Extension, or 2d Mortgage.....	3,500,000	7*	"	"	1889	....
Baltimore and Ohio:							2d Income, or double track b'ds	1,600,000	6*	Jan. & July.	....	1891	....
Loan of 1880-'80.....	679,500	6	Jan. & July.	Baltimore.	1880	104	Camden and Amboy:						
Loan of 1883-'83.....	1,710,000	6	April & Oct.	"	1885	104	Loan of 1883.....	1,700,000	6	Feb. & Aug.	Philadelphia.	1883	103
Loan of 1885-'90 (Balt.) skg fd.	3,151,122	6	Jan. & July.	"	1890	....	Loan of 1889.....	866,000	6	June & Dec.	Princeton.	1889	102
Loan of 1870-'95 (atg.) skg fund.	3,273,956	6*	March & Sept.	London.	1895	....	Mortgage Loan of 1889.....	5,000,000	6	May & Nov.	Philadelphia.	1889	110
Loan of 1872-1902 (atg.) S. F.....	9,029,852	6*	"	"	1902	....	Sterling Loan, S. F. (£262,000).	1,286,080	6*	Feb. & Aug.	London.	1880	....
Loan of 1874-1910 (atg.) S. F.....	9,464,500	6*	May & Nov.	"	1910	....	Camden and Atlantic:						
Baltimore and Potomac:							1st Mortgage.....	490,000	7*	Jan. & July.	Philadelphia.	1893	114
1st Mort. (Tunnel) gold guar....	1,500,000	6*	Jan. & July.	Baltimore.	1911	....	2d Mortgage.....	500,000	7	April & Oct.	"	1879	102
1st Mortgage (R. R.) gold guar.	3,000,000	6*	April & Oct.	"	1911	....	Camden and Burlington County:						
Bangor and Piscataquis:							Consolidated 1st Mortgage.....	350,000	6	Feb. & Aug.	Philadelphia.	1897	100
1st Mortgage (Bangor loan)	600,000	6	April & Oct.	Boston.	1899	....	Canada Southern:						
1st Mort. (Bangor loan) extens'n	120,000	7	"	"	1901	....	1st Mort. (skg fdg'd for \$9,000,000	9,000,000	7*	J. & J. & July.	New York.	1906	....
Bay City and East Saginaw:							Cape May and Millville:						
1st Mort. guar. by F. & P. M. Co.	100,000	10	Jan. & July.	Detroit.	1886	....	2d Mort. guar. by W. Jersey R.R.	400,000	7	April &			

AMERICAN RAILROAD BOND LIST.

An Asterisk (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.				Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.				Price.
			When.	Where.	Due.						When.	Where.	Due.		
Cedar Rapids & Mo. Riv. (C. & N.W.)	\$ 675,000	7	Feb. & Aug.	New York.	1891	102½	Chicago, Iowa and Nebraska:	\$							
1st Mortgage, 1st Div. \$10,000 p.m.	582,000	7	" "	" "	1894	101½	2d Mort. (now 1st) guar. C. & N.W.	568,200	7	Jan. & July.	Boston.	1880	102		
1st Mortgage 2d Div. \$10,000 p. m.	2,400,000	7	May & Nov.	" "	1916	107	2d Mort. (now 2d) guar. C. & N.W.	211,500	7	Feb. & Aug.	New York.	1892	....	
Central Branch Union Pacific:							Chicago and Lake Huron:								
1st Mort. (Atch. & Pike's Peak)	1,600,000	6*	May & Nov.	New York.	1895	49	1st Mort. 1st series (Peninsular)	1,800,000	7*	May and Nov.	N.Y. or Lond.	1899	....	
2d Mortgage Government's aid	1,600,000	6	Jan. & July.	" "	1895	....	1st Mort. 2d series (")	2,000,000	7*	" "	" "	1900	....	
Central of Georgia:							1st M. (Port Huron & L. Mich.)	1,800,000	7*	" "	New York.	1899	....	
General Mort. for \$5,000,000....	2,222,000	7	Jan. & July.	N.Y. & Savan.	1893	....	2d Mortgage (Peninsular).....	540,000	7	Feb. and Aug.	" "	1881	....	
Macon & West. (Atlanta D.) b'ds	117,000	7	April & Oct.	Savannah.	1880	....	Consolidated Mortgage.....	12,000,000	6*	" "	" "	1903	....	
Central of Iowa:							Chicago and Milwaukee Railway:								
1st Mortgage, gold, \$16,000 p. m.	3,700,000	7*	Jan. & July.	New York.	1899	32½	1st Mort. guar. by C. and N.W.	1,700,000	7	Jan. & July.	New York.	1898	106		
2d Mortgage, gold, \$4,000 p. m.	925,000	7*	April & Oct.	" "	1901	....	Chicago and Mich. Lake Shore:							
Central of L. I. (Fluah. N.C. & C.)							1st Mortgage.....	477,000	8	March & Sept.	Boston.	1889	....	
1st Mortgage.....	1,275,000	7	May & Nov.	New York.	1889	....	1st Mortgage.....	2,500,000	8	Jan. & July.	" "	1890	100	
Central of New Jersey:							1st Mortgage.....	1,350,000	8	May & Nov.	" "	1891	....	
Convertible bonds of 1872.....	4,400,000	7	May & Nov.	New York.	1902	....	1st Mortgage (on Branch).....	1,325,000	8	March & Sept.	" "	1892	....	
1st Mort. (New) for \$5,000,000....	5,000,000	7	Feb. & Aug.	" "	1890	113½	Chicago, Milwaukee and St. Paul:								
Newark Branch Bonds.....	600,000	7	Jan. & July.	" "	1887	....	1st Mort. (La Crosse Division)	6,600,000	7	Jan. & July.	New York.	1893	105½	
Loan of Loh. C. & Nav. Co. (aud'd)	2,310,000	6	" "	Philadelphia.	1897	....	1st Mort. (Chic. and Mil. Div.)	2,500,000	7	Jan. & July.	" "	1903	103	
Consol. Mort. for \$25,000,000....	18,000,000	7	" "	New York.	1899	82	1st Mort. (East. Div. Palmer)	....	8	May & Nov.	" "	1874	....	
Central Ohio (B. and O.):							1st Mort. (Iowa and Minn. Div.)	3,810,000	7	Jan. & July.	" "	1897	99½		
1st Mortgage guaranteed.....	2,500,000	6	March & Sept.	Baltimore.	1890	99½	1st Mort. (Minnesota Central)	190,000	7	" "	" "	1894	....	
Central Pacific of California:							1st Mort. (St. Paul Division)	4,000,000	7*	" "	" "	1902	101½		
1st Mort. 30 years bonds, (gold)	25,883,000	6*	Jan. & July.	New York.	'95-'98	105½	1st Mort. (Iowa and Dak. Div.)	640,000	7	" "	" "	1899	97½		
Convertible 20 years bonds, gold	1,483,000	7*	" "	" "	1883	104	1st Mort. (Prairie du Chien Div.)	3,674,000	8	Feb. & Aug.	" "	1898	117		
State Aid B'ds (Int. by State) gold	1,500,000	7*	" "	Sacramento.	1884	106	2d Mort. (")	1,315,000	7.3	" "	" "	1898	103		
2d Mort. (Government's Subsidy)	27,555,880	6	" "	U.S. Treasury.	'95-'99	....	1st Mort. (Hast. and Dak. Div.)	213,000	7	Jan. & July.	" "	1902	160	
1st Mort. (Western Pacific) gold	2,735,000	6*	" "	New York.	1899	101½	1st Mort. (Mil. and Western)...	234,000	7	Jan. & July.	" "	1891	....	
1st Mort. (Calif. & Oregon) gold	8,000,000	6*	" "	" "	'83-'92	91½	2d Mortgage.....	600,000	7	April & Oct.	" "	1884	100½		
1st Mort. (S. Fr. & Okla. & Ala.)	500,000	8*	" "	" "	1890	....	Equipment and Bridge Bonds...	219,000	10	June & Dec.	" "	1883	....	
1st Mort. (San Joaquin V.D.) gold	6,080,000	6*	April & Oct.	" "	1900	92½	Consol. Mort. for \$35,000,000....	5,861,900	7	Jan. & July.	" "	1906	94½		
Land bonds (Cen. Pac. Co.) gold	9,274,000	6*	" "	" "	1890	96	Chicago and Northwestern:								
Central Vermont:							Preferred sinking fund (193 m.)	1,214,100	7	Feb. & Aug.	New York.	1885	106½		
1st Mort. Consol. (Vt. Central)	3,000,000	7	May & Nov.	Boston.	1886	12	General 1st Mortgage (193 m.)	3,477,800	7	" "	" "	1885	107		
2d Mort. Consol. (")	1,500,000	7	June & Dec.	" "	1891	24	Funded coupons (193 m.)	708,800	7	May & Nov.	" "	1883	167		
1st Mort. (Stan. Sheff. and Ch.)	500,000	7	Jan. & July.	" "	1887	28	Appleton Ext. (23 m. & 76,000 ac.)	116,000	7	Feb. & Aug.	" "	1885	108		
Income and Extension Bonds...	1,008,000	8	May & Nov.	" "	1902	25½	Green Bay Ext. (26m & 76,000 a.)	235,000	7	" "	" "	1885	108		
Equipment Mort. (Vt. Central)	1,000,000	8	" "	" "	'76-'77	40	1st Mort. (Gal. & Chi. U.) 248 m.	1,690,000	7	" "	" "	1882	....	
Equipment Mort. (")	1,000,000	8	" "	" "	1889	26	Elgin and State Line.....	114,503	6	Jan. & July.	" "	1878	....	
Bonds, guar. (Vt. and Canada)	1,000,000	8	Jan. & July.	" "	1891	26	Mississippi River Bridge.....	168,000	7	" "	" "	1884	....	
Missisquoi R.R. (")	500,000	7	" "	" "	1891	....	1st Mortgage (Peninsula)	272,000	7	March & Sept.	" "	1898	110	
Cent. Vt. (Vt. & Ca. Mort.) b'ds	3,000,000	6	March & Sept.	" "	1904	....	Consol. skg fund (O. & N.W.R'y)	4,693,000	7	F. M. A. & N.	" "	1915	110½	
Charleston and Savannah:							General Consol. Gold Bonds.....	12,343,000	7*	June & Dec.	" "	1902	98½		
1st Mortgage guar. by State.....	505,000	6	March & Sept.	Charleston.	1877	....	1st Mort. S. F. (Madison Exten.)	3,150,000	7*	April & Oct.	" "	1911	....	
Funded Interest on 1st Mort.	157,400	7	" "	" "	1889	....	1st Mort. S. F. (Menominee Ext.)	2,700,000	7*	June & Dec.	" "	1911	....	
Charlotte, Columbia & Augusta:							1st Mort. (Chic. & Mil. R.W.) guar	1,700,000	7	Jan. & July.	" "	1898	....	
1st Mortgage.....	1,810,500	7	Jan. & July.	New York.	1895	71	1st Mort. (Bel. & Mad. R.R.) guar.	249,000	7	" "	" "	1888	....	
2d Mortgage.....	500,000	7	April & Oct.	Baltimore.	....		Chicago and Paducah (C. B. & Q.):							
Charters:							1st Mortgage \$26,000 p. m. gold..	2,204,000	7*	Jan. & July.	Boston.	1903	....	
1st Mort. guar. by Penna.....	500,000	7	April & Oct.	Philadelphia.	1901	....	Chl. Pekin & Southw'n (C.B. & Q.):							
Oheraw and Darlington:							1st Mortgage for \$10,000 per mile	700,000	8	Feb. & Aug.	New York.	1901	....	
1st Mortgage dated Jan. 1, 1871.	141,000	8	April & Oct.	Charleston.	1888	....	Chicago, Rock Island and Pacific:							
2d Mortgage dated Jan. 1, 1869.	75,000	7	Jan. & July.	" "	1888	....	1st Mortgage skg. fund.....	124,000	7	Jan. & July.	New York.	1896	....	
Cherry Valley, Sharon and Alb.:							Branch Bonds Sinking Fund...	916,000	6	Feb. & Aug.	" "	1895	108½		
1st Mort. con. guar. by A. & S. Co.	300,000	7	June & Dec.	New York.	1890	....	New Mort. bonds for \$12,500,000	8,920,000	6	Jan. & July.	" "	1917	108½	
Chesapeake and Ohio:							Chl. & Southw'n (C. B. & Q.)								
1st M. (gold) skg. fd. for \$15,000,000	15,000,000	6*	May & Nov.	New York.	1899	27	1st Mort. gold, tax free, guar....	5,000,000	7*	May & Nov.	New York.	1889	....	
1st Mort. Extension (con. or reg)	5,426,800	7*	Jan. & July.	" "	1902	....	1st Mortgage gold (Atchison Br.)	1,000,000	7*	June & Dec.	" "	1901	....	
1st Mort. (Va. Cen.) guar. by Va.	100,000	6	" "	" "	1880	....	Chicago and Superior:							
2d Mort. (") coupon....	902,000	6	" "	" "	1884	....	1st Mortgage (Mad. & Portage) g'd	600,000	7*	April & Oct.	New York.	1900	....	
Income (") coupon....	300,000	8	" "	" "	1876	....	Chillicothe and Brunswick:							
Funded Interest, coupon.....	160,500	8	" "	" "	1877	....	1st Mort. guar. by St. L., K.C. & N.	500,000	8	Jan. & July.	New York.	1894	....	
Cincinnati:							Cincinnati, and Baltimore:								
Coupon bonds (no Mort.).....	813,700	6	Jan. & July.	Boston.	'77-'96	100½	1st Mort. guar. by B. & O. & M. & O.	500,000	7	Jan. & July.	Baltimore.	1900	86		
Chester Creek (Phil. & Balt. Cent.):							Cincinnati, Hamilton and Dayton:								
1st Mort. guar. by P. W. & B.	185,000	6	Jan. & July.	Philadelphia.	1903	....	1st Mortgage of 1863.....	1,243,000	7	May & Nov.	New York.	1880	101	
Chester and Tamarac:							2d Mortgage of 1865.....	496,000	7	Jan. & July.	" "	1885	....	
1st Mortgage.....	660,000	7*	May & Nov.	New York.	1901	....	Consol. S. F. M. for \$3,000,000...	996,000	7	April & Oct.	" "	1905	....	
Chicago and Alton:							Cincinnati, Ham. & Ind. (C. H. & D.):								
1st Mortgage.....	2,400,000	7	Jan. & July.	New York.	1893	114½	1st Mort. guar. for \$2,500,000....	1,846,000	7	Jan. and July.	New York.	1903	103		
2d Mortgage Income.....	1,100,000	7	April & Oct.	" "	1883	103	Cincinnati, Lafayette and Chi.:								
Consol. Bonds (\$200 stg. each)	4,379,850	6*	Jan. & July.	London.	1903	99	1st Mortgage.....	1,120,000	7*	March & Sept.	New York.	1901	84		
1st Mort. (St. L. & C.) assumed	564,000	7	April & Oct.	New York.	1894	109½	Consolidated Mortgage.....	471,000	7*	June & Dec.	" "	1914	....	
2d Mort. (")	188,000	7	Jan. & July.	" "	1898	....	Cincinnati and Martinsville:							
1st Mort. (Louisiana and Mo.)	1,851,000	7	Feb. & Aug.	" "	1900	....	1st Mort. guar. by I. C. & Ia. F.	400,000	7	Feb. & Aug.	New York.	1905	....	
Chicago, Burlington and Quincy:							Cincinnati & Muskingum Valley:								
Trust Mortgage skg fund.....	2,570,000	8	Jan. & July.	New York.	1883	112½	1st Mortgage.....	1,500,000	7	Jan. and July.	New York.	1901	....	
Trust Mortgage skg fund conv.	150,000	8	" "	" "	1883	....	Cincinnati, Richmond & Chicago:							
Trust Mortgage (Burl. to Peoria)	667,000	7	April & Oct.	" "	1890	....	1st Mortgage guar. by C. H. & D.	560,000	7	Jan. and July.	New York.	1895	....	
Loan of 1872.....	1,918,475	7	Jan. & July.	Boston.	1896	112½	2d Mortgage " "	65,000	7	" "	" "	1889	....	
Bonds of 1875, Sinking Fund...	448,000	5	June & Dec.	" "	1895	63	Cinc. Rich. & Ft. Wayne (G. R. & I.):								

Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	
			When.	Where.						When.	Where.			
Cleveland and Pittsburg (Pa. Co.):	\$	600,000	7	Jan. and July	New York.	1913	Detroit & Bay City (Mich. Cent.):	\$	2,330,000	8	May and Nov.	New York.	1902	70
Construction and Equip. bonds.		1,000,000	6	"	"	1892	1st Mort. (\$424,000 guar.)							
4th (now 3d) Mortgage guar.		1,000,000	6	"	"	1892	Detroit, Eel River and Illinois:							
Consol. sinking fund guar.		1,487,000	7	May & Nov.	"	1906	1st Mortgage for \$22,000 p.m.		1,061,000	8	Jan. & July.	New York	1891	100
Clev., Painesville & Ashtabula:							2d Mortgage		506,000	7	May and Nov.	"	1888	100
Regist'd b'ds (ass'd by L.S. & M.S.)		1,000,000	7	Jan. & July.	New York.	1880	Detroit, Hillsdale and Indiana:							
3d Mortgage ("")		1,000,000	7	April & Oct.	"	1892	1st Mort. \$16,000 p. m. guar.		1,170,000	8	June & Dec.	New York	1907	100
Cleveland and Toledo:							2d Mortgage, (coupon) guar.		300,000	8	Jan. & July.	"	1881	100
1st Mort., a.f. (ass'd by L.S. & M.S.)		1,595,000	7	Jan. & July.	New York.	1885	Detroit, Lansing and Northern:							
2d Mortgage ("")		849,000	7	April & Oct.	"	1886	1st Mortgage		1,997,000	7	Jan. & July.	Boston.	1907	100
Celebrookdale:							2d Mort. ("")		770,000	8	"	New York.	1889	100
1st Mort. guar. by Ph. and Rdg.		584,700	6	June & Dec.	Philadelphia.	1898	2d Mort. ("")		81,000	8	May & Nov.	"	1880	100
Colorado Central (3 ft. gauge):							Detroit & Milwaukee (Gt. W. of Ca.):							
1st Mortgage		225,000	8	June & Dec.	Boston.	1890	1st Mortgage (D. & M.R.R.)		2,500,000	7	May & Nov.	New York	1875	100
Columbus, Chicago & Ind. Cent.:							2d Mortgage ("")		1,000,000	8	"	"	1875	100
1st Mortgage Consol. skg fund.		15,844,750	7	April & Oct.	New York.	1908	1st Funded Coup. (D. & M.R.R.)		625,924	7	Jan. & July.	"	1875	100
2d Mortgage skg fund.		5,682,400	7	Feb. & Aug.	"	1909	2d Funded Coup. ("")		375,734	7	May & Nov.	"	1875	100
Income convertible.		3,893,000	7	"	"	1890	1st Mort. (Det. & Pontiac R.R.)		150,000	7	April & Oct.	"	1878	100
1st Mort. (Chic. and Gt. Eastern)		461,000	7	April & Oct.	"	1898-96	2d Mort. ("")		100,000	7	Jan. & July.	"	1878	100
2d Mort. ("")		344,400	7	Jan. & July.	"	1890	3d Mort. ("")		250,000	8	Feb. & Aug.	"	1880	100
1st Mort. (Cin. and Chi. Air-L.)		104,100	7	Feb. & Aug.	"	1890	Bonds of Sept. 1, 1886.		110,000	7	March & Sept.	"	1886	100
1st M., a.f. ("")		39,650	7	May & Nov.	"	1896	Bonds of June 30, 1886.		1,702,317	6 1/2	Jan. & July.	"	1886	100
1st Mort. (Col. and Ind. Cent.)		2,632,000	7	Jan. & July.	"	1904	Detroit, Mon. & Tol. (L.S. & M.S.):							
2d Mort. ("")		821,000	10	May & Nov.	"	1904	1st Mortgage Aug. 1, 1886		924,000	7	Feb. & Aug.	New York.	1906	110 1/4
1st M. (Col. & Ind.) 1st & 2d pref.		309,500	7	Jan. & July.	"	1883	Dixon, Peoria and Hannibal:							
2d Mortgage (Ind. Central)		666,500	7	"	"	1882	1st Mort. guar. by C., B. and Q.		563,506	8	Jan. & July.	New York.	1889	101
1st Mort. (Tol., Logan's p't & Bur.)		554,500	7	Feb. & Aug.	"	1884	Dubuque and Sioux City:							
Income ("")		74,024	7	"	"	1905	1st Mortgage 1st div.		298,000	7	Jan. & July.	New York.	1883	106
1st Mort. (Union & Logansport)		816,000	7	April & Oct.	"	1905	1st Mortgage 2d division.		586,000	7	"	"	1894	106
Columbus, Springfield and Cin.:							Dubuque Southwestern:							
1st M. (assumed by Cin., S. & C.)		1,000,000	7	March & Sept.	New York.	1901	1st Mortgage		450,000	7	April & Oct.	New York.	1883	100
Columbus and Hocking Valley:							1st Mortgage, preferred.		78,500	7	Jan. & July.	"	1883	100
1st Mortgage skg fund.		1,500,000	7	April & Oct.	New York.	1897	Dunkirk, Allegheny Val. & Pittsb.							
1st M. on Branch (& 2d on main)		300,000	7	Jan. & July.	"	1880	1st Mortgage (gold)		1,200,000	7	June & Dec.	New York.	1900	100
General Mortgage.		634,000	7	"	"	1892	Dutchess and Columbia:							
Columbus and Xenia:							1st Mortgage Jan. 1, 1888.		1,500,000	7	Jan. & July.	New York.	1908	100
1st Mortgage, guar. by L.M.R.R.		302,000	7	March & Sept.	New York.	1890	East Alabama and Cincinnati:							
Connecticut and Passumpsic Riv.:							1st Mort. endorsed by Alabama.		400,000	8	Jan. & July.	.....	1890	100
New Mortgage for \$1,500,000.		1,186,500	7	April & Oct.	Boston.	1893	East Brandywine & Waynesboro:							
Coupon Notes		123,000	7	June & Dec.	"	1881	1st Mortgage guar. by Pa. R.R.		140,000	7	Jan. & July.	Philadelphia.	1886	100
1st Mort. (Massachusetts) guar. gold		400,000	6 1/2	Jan. & July.	"	1889	East Pennsylvania (Ph. & R.R.):							
Connecticut River:							1st Mortgage, guaranteed.		495,900	7	March & Sept.	Philadelphia.	1888	104 1/2
1st Mortgage skg fund.		250,000	6	March & Sept.	Boston.	1878	East Tennessee, Virginia & Ga.:							
Connecticut Valley:							1st Mort., skg fund for \$3,500,000		2,999,000	7	Jan. & July.	New York.	1900	100 1/2
1st Mortgage		1,000,000	7	Jan. & July.	New York.	1901	2d Mortgage		190,000	4	"	"	'82-'87	100
Connecticut Western:							Endorsed Bonds (East T. & Va.)		147,000	6	May & Nov.	"	1886	100
1st Mortgage tax free.		3,000,000	7	Jan. & July.	N. Y. & Bos.	1900	Endorsed Bonds (East T. & Ga.)		92,000	6	Jan. and July.	"	1886	100
Connecting (Philadelphia):							Company Bonds (E.T. & Ga., old)		635,000	6	"	"	'90-'85	100
1st Mort. ABCD & \$200,000 each		991,000	6	March & Sept.	Philadelphia.	1,2,3,4	Company Bonds (" new)		135,400	6	"	"	1876	100
Cooperstown and Susq. Valley:							Eastern (Mass.):							
1st Mortgage		100,000	7	March & Sept.	New York.	1889	1st Mort. (Knox R.R.) assumed.		194,400	6	March & Sept.	Boston.	1886	91 1/2
Cowanessque Valley:							Loan of 1867			7	"	"	1887	100
1st Mortgage, gold.		95,000	7 1/2	Jan. & July.	New York.	1902	Loan of 1868			6	"	"	'88-'89	100
2d Mortgage		100,000	7	May & Nov.	"	1882	Loan of 1869			6	May & Nov.	"	1889	100
Cumberl'd & Penn. (Consol. Coal):							Ten year coupon notes.			7	"	"	1882	100
1st Mortgage		803,500	6	March & Sept.	New York.	1891	Ten year coupon notes.			7	"	"	'83-'84	100
2d Mortgage, sinking fund.		648,000	6	May & Nov.	"	1888	Sinking Fund Bonds.			7	May & Nov.	"	1884	100
Cumberland Valley:							Sterling Sink. Fd. Bonds.		3,049,200	6 1/2	March & Sept.	London.	1893	100
1st Mortgage		161,000	8	April & Oct.	Philadelphia.	1904	Certif. of Indebt. Sept. 1, 1876		12,673,000	3 1/2	"	Boston.	1906	72
2d Mortgage		109,500	8	"	"	1908	Eastern Shore (Md.):							
Plain bonds.		81,800	6	"	"	1884	1st Mortgage		400,000	6	Jan. & July.	Philadelphia.	1880	100
Danbury and Norwalk.							2d Mortgage		200,000	6	April & Oct.	"	1886	100
Mortgage Bonds of 1860.		100,000	7	Jan. & July.	New York.	1880	Elizabethtown and Paducah:							
Mortgage Bonds of 1870.		200,000	7	"	"	1890	1st Mortgage, convertible.		3,000,000	8	March & Sept.	New York.	1890	100
Mortgage Bonds of 1872.		200,000	7	"	"	1892	Elmira and Williamsport (N. Cen.):							
Danv., Hazleton & Wilkesbarre:							1st Mortgage guaranteed.		1,000,000	7	Jan. & July.	Philadelphia.	1880	104
2d Mortgage		300,000	7	"	"	1885	Income Mortgage guaranteed		570,000	6	April & Oct.	"	2862	66
Danv., Urb., Bloom'gton & Pekin:							Erie Railway:							
1st Mortgage		2,000,000	7 1/2	April & Oct.	New York.	1900	1st Mortgage, extended.		2,483,000	7	May & Nov.	New York	1897	116
Davenport and St. Paul:							2d Mortgage		2,174,000	7	March & Sept.	"	1879	103
1st Mort. gold skg fd \$20,000 p.m.		3,000,000	7 1/2	April & Oct.	New York.	1911	3d Mortgage		4,852,000	7	"	"	1883	105
Dayton and Michigan (C.H. & D.):							4th Mortgage convertible.		2,937,000	7	April & Oct.	"	1880	106 1/2
1st Mortgage sinking fund guar.		1,846,000	7	Jan. & July.	New York.	1881	5th Mortgage convertible.		709,500	7	June and Dec.	"	1888	107
2d Mortgage, guar.		426,000	7	March & Sept.	"	1884	Buffalo Branch, 1st mortgage.		182,800	7	Jan. & July.	"	1891	100
3d Mortgage, guar.		351,000	7	April & Oct.	"	1888	Sterling loan (£1,000,000) conv.		4,457,714	6 1/2	March & Sept.	London.	1875	100
Toledo Depot bonds guar.		105,500	7	March & Sept.	"	'86-'94	1st Consol. Mort. for \$30,000,000.		12,076,000	7 1/2	"	NY & London.	1920	100
Dayton and Union:							2a Consol. Mort. for \$40,000,000.		14,400,000	7 1/2	June and Dec.	London.	1894	100
1st Mortgage, registered		140,000	7	March & Sept.	New York.	1879	Convertible bonds.		10,000,000	7 1/2	J. A. J. and O.	London.	1903	100
2d Mortgage		135,000	7	June & Dec.	"	1879	Erie and Pittsburg (Penn.):							
Income Bonds		252,446	6	"	"	1879	1st Mortgage		292,200	7	Jan. & July.	New York.	1882	100
Dayton and Western (L. M. R.R.):							2d Mortgage		92,300	7	April & Oct.	"	1890	100
1st Mortgage (assumed).		142,000	7	March & Sept.	New York.	1881	Consolidated Mortgage		2,192,000	7	Jan. & July.	"	1898	100
1st Mortgage ("")		496,000	6 1/2	Jan. & July.	"	1905	Equipment Mortgage		760,000	7	April & Oct.	"	1890	100
Decatur, Sullivan and Mattoon.							European & N. American (Me.):							
1st Mortgage		500,000	8	March & Sept.	New York.	1901	Bangor City Bonds (1st m. 55 m.)		1,000,000	6	Jan. & July.	Boston.	1894	100
Delaware and Bound Brook:							1st L.M. (& 1st on 59, & 2d on 55m)		2,000,000	6 1/2	March & Sept.	New York.	1899	100
1st mortgage		1,500,000	7	Feb. & Aug.	Philadelphia.	1905	Kavanaugh and Crawfordville:							
Delaware (P. W. and Balt.):							1st Mortgage (51 miles) skg. fund		802,000	7	Jan. & July.	New York.	1887	100
1st Mortgage, guar.		650,000	6	Jan. & July.	Philadelphia.	1885	1st Mortgage (109 m.)		636,000	7	May & Nov.	"	1887	100
1st Mortgage extension.		100,000	6	"	"	1880	1st Mort. (Rockville Extension).		147,000	7	Feb. & Aug.	"	1880	100
Delaware, Lackawann. & Western:							Kavanaugh, Terre Haute & Chi.:							
2d Mortgage		1,633,000	7	March & Sept.	New York.	1881	1st Mortgage, gold.		775,000	7 1/2	May & Nov.	New York.	1900	100
Convertible Bonds.		600,000	7	June & Dec.	"	1892	Fall River, Warren & Prov. (B. & P.):							
Consol. Mortgage Bonds.		195,000	7	March & Sept.	"	1893	1st Mortgage.		200,000	7	Jan. & July.	Providence.	1882	100
2d Mort. (Lack. & Bloomsburg)		216,200	7	Apr. and Oct.	"	1880	Bonds of 1874.		500,000	7	April & Oct.	Boston.	1894	112 1/2
1st M. Ext. ("")		370,900	7	March & Sept.	"	1885	Bonds of 1877.		500,000	6	"	"	1897	100
Denver & Boulder Val. (Den. Pac):							Flint and Pere Marquette:							
1st Mortgage		550,000	7 1/2	May & Nov.	Kansas City.	1900	1st Mort. Land Gr. (3d series).		2,210,000	8	March & Sept.	New York.	1888	100
Denver Pacific:							Flint & Holly S. F. (\$25,000 p.y.)		425,000	10	May & Nov.	"	1893	100
1st Mortgage gold, land grant.		2,493,000	7 1/2	May & Nov.	New York.	1899	1st Mort. (Bay C. & L. Ag. guar.)		100,000	10	Jan. & July.	Newark.	1882	100
Denver & Rio Grande (3 ft. gauge):							Bay County Bonds (guar.)		75,000	10	March & Sept.	New York.	1887	100
1st Mort. gold skg fund tax free.		3,024,500	7 1/2	May & Nov.	N.Y.L. & Ama.	1900	1st Mort. skg. fd. (H., W. & Mon.)		1,900,000	8	Jan. & July.	"	1901	100
St. Moines and Ft. Dodge:							Consolidated Sinking Fund.		1,771,000	8	May & Nov.	"	1902	100
1st Mortgage (city p'n).		2,400,000	6	Jan. & July.	New York.	1904	Construction Loan.		280,400	8				

AMERICAN RAILROAD BOND LIST.

An Asterisk (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Florida:													
1st Mortgage conv. gold.....	2,300,000	7*	Jan. & July.	N. Y. & Lond.	1889	....	Huntingdon and Broad Top Mt.:	\$	7*	April & Oct.	Philadelphia	1890	109
Flushing, North Shore and Cent.:							1st Mortgage gold.....	416,000	7*	Feb. & Aug.	"	1895	102
1st Mort. (Flush'g and N. Side.)	800,000	7	May & Nov.	New York.	1889	....	2d Mortgage.....	267,500	7*	April & Oct.	"	1895	30
2d Mort. (")	400,000	7	"	"	1900	....	Consolidated Mortgage.....	1,383,000	7	"	"	"	"
1st Mort. (Central of L. I.).....	1,000,000	7	Mar. & Sept.	"	1902	....	Illinois Central:						
1st Mort. (Cent. R. K. Exten.)...	200,000	7	May and Nov.	"	1903	....	Redemption bonds, currency....	2,500,000	6	April & Oct.	New York.	1890	...
1st Mort. (North Shore).....	149,000	7	Feb. & Aug.	"	1885	....	Sterling Bonds, £500,000.....	2,500,000	6*	"	London.	1895	...
1st Mort. (Whitestone & W.)...	93,000	7	Jan. & July.	"	1893	....	Sterling Bonds, Sinking Fund..	4,504,000	5*	"	"	1903	...
1st Mort. (N. Y. & Flushing.)...	25,000	7	Mar. & Sept.	"	1890	....	Sterling Bonds, £200,000.....	1,000,000	5*	June & Dec.	"	1905	...
Fonda, Johnstone & Gloversville:							Illinois Grand Trunk (C. B. & Q.):						
1st Mortgage.....	300,000	7	Jan. & July.	New York.	1890	....	1st Mortgage, guaranteed.....	900,500	8	April & Oct.	Boston.	1890	111
Fort Wayne, Jackson & Saginaw:							Indiana and Illinois Central:						
1st Mortgage, traffic guarantee...	1,500,000	8	Jan. & July.	New York.	1889	42*	1st Mortgage gold.....	3,500,000	7*	Jan. & July.	New York.	1901	....
2d Mortgage (Equipment).....	500,000	8	April & Oct.	"	1881	....	Indiana North and South:						
Fort Wayne, Muncie & Cin.:							1st Mort. (Nor. Div.) \$22,000 p.m.	1,700,000	7*	March & Sept.	New York.	1903	....
1st Mortgage.....	1,800,000	7*	April & Oct.	Boston.	1899	....	Indianapolis, Blooming. & West.:						
2d Mortgage.....	500,000	8	"	"	1896	....	1st Mortgage gold.....	5,000,000	7*	April & Oct.	New York.	1909	22
Framingham and Lowell:							1st Mortgage Extension gold....	5,530,000	7*	Jan. & July.	"	1912	...
1st Mortgage.....	500,000	7	April & Oct.	Boston.	1890	80	2d Mortgage.....	1,600,000	8	"	"	1890	2
2d Mortgage.....	100,000	8	"	"	1883	89	Indianapolis and Madison:						
Frederick and Pennsylvania Line:							1st Mort. assumed by J. M. & I.	397,000	7	May & Nov.	New York.	1881	....
1st Mortgage gold.....	150,000	6*	April & Oct.	Baltimore.	1901	....	Indianapolis & Vincennes:						
Fremont, Fikhorn & Mo. (S.C. & P.):							1st Mortgage guar. by Pa. R. R.	1,700,000	7	Feb. & Aug.	New York.	1908	....
1st Mortgage.....	690,000	7	April & Oct.	"	1901	31	2d Mortgage guar. by Pa. R. R.	1,450,000	6	May & Nov.	"	1900	....
Galena & Chic. Union (C. & N. W.):							International and Gt. Northern:						
1st Mortgage.....	1,692,000	7	Feb. & Aug.	New York.	1882	194	1st Mortgage s.f. (Intern. R. R.)	3,040,000	7*	April & Oct.	New York.	1911	65
Galv., Harrisburg & San Antonio.							Convertible B'ds.....	1,473,000	8	Feb. & Aug.	"	1892	...
1st Mortgage.....	1,700,000	6*	Feb. & Aug.	Lond. or Bost.	1910	....	1st Mortgage (Hous. & Gt. N.R.R.)	4,211,000	7*	Jan. & July.	"	1900	60
Galveston, Houston & Henderson:							Convert. B'ds.....	1,677,000	8	Feb. & Aug.	"	1892	...
1st Mortgage.....	1,493,000	7*	Jan. & July.	New York.	1890	80	Indianapolis, Cin. and Lafayette:						
Geneva, Ithaca and Athens:							1st Mortgage of 1867.....	2,800,000	7	Feb. & Aug.	New York.	1897	....
1st Mortgage, skg. fd., guar.	600,000	7*	Jan. and July.	New York.	1890	....	1st Mortgage of 1869.....	2,000,000	7	June & Dec.	"	1899	....
Georgia (and Banking):							Funded Interest Bonds, coupon.	469,100	7	March & Sept.	"	" 78-'88	...
Company bonds (debentures)...	530,000	7	Jan. & July.	Augusta	" 75-'90	....	Equipment Bonds, registered....	375,000	10	"	"	1883	86
Hilman, Clinton & Springfield:							1st Mort. (Ind'polis & Cin.) 1888.	1,600,000	7	April & Oct.	"	1888	...
1st Mortgage gold.....	2,000,000	7*	March & Sept.	N. Y. & Lond.	1900	....	1st Mort. (Cin. & Indiana).....	499,000	7	June & Dec.	"	1892	...
2d Mortgage gold.....	1,000,000	8*	Jan. & July.	"	1892	....	2d Mort. (") guar.	1,497,000	7	Jan. & July.	"	" 77-'82	...
Goshen and Deckertown (Erie):							Indianapolis and St. Louis:						
1st Mortgage.....	246,500	7	Jan. & July.	New York.	1888	....	1st Mortgage.....	2,000,000	7	Jan. & July.	New York.	1919	63
Grand Rapids & Indiana:							1st Mortgage.....	1,000,000	7	March & Sept.	"	1919	...
1st Mortgage L. G. guar. gold....	4,000,000	7*	Jan. & July.	New York.	1899	95	2d Mortgage.....	578,000	10	Jan. & July.	"	1900	...
1st Mort. L. G. not guar. gold....	3,224,000	7*	April & Oct.	"	1899	80	Equipment Mortgage.....	1,000,000	7	April & Oct.	"	1900	...
Grand River Valley (Mich. C.):							Ionia and Lansing (D. L. & L.M.):						
1st Mort., assumed by Lessees....	1,000,000	8	Jan. & July.	New York.	1886	101	1st Mortgage traffic guar.	770,000	8	Jan. & July.	New York.	1890	....
2d Mortgage, guar. by Lessees....	500,000	8	March & Sept.	"	1879	85	2d Mortgage.....	81,000	8	May & Nov.	"	1886	....
Grand Trunk (Ca.):							Iowa Falls and Sioux City:						
Equipment Bonds £500,000.....	2,500,000	6*	April & Oct.	London.	1877	....	1st Mortgage.....	2,960,000	7	April & Oct.	New York.	1917	100
Equipm't Bonds No. 2 £500,000	2,500,000	6*	Jan. & July.	"	1920	....	Iowa Midland (C. & N. W.):						
Postal & Military b'ds £1,200,000	6,000,000	6*	Feb. & Aug.	"	Perp.	....	1st Mort., \$15,000 p.m., guar....	1,350,000	8	April & Oct.	New York.	1900	105
1st Preference Bonds £3,218,149	16,090,745	5*	Jan. & July.	"	Irred.	....	Iron (Penn.):						
2d Preference Bonds £2,327,808	11,639,040	4*	"	"	"	....	1st Mortgage.....	100,000	7	May & Nov.	Philadelphia.	1875	....
3d Preference Bonds £7,163,910	35,819,550	4*	"	"	"	....	Ithaca and Athens (Penn.):						
Provincial Debenture £3,111,500	15,557,500	5*	"	Ottawa.	....	....	1st Mortgage gold, skg fund....	600,000	7*	Jan. & July.	New York.	1890	107
Great Western of Canada:							Jackson, Lansing & Saginaw (MO):						
Mortgage Bonds £127,000.....	635,000	6	Jan. & July.	London.	1876	....	1st Mortgage guar.	1,277,000	8	Jan. & July.	New York.	1885	99
Mortgage Bonds £547,000.....	2,735,000	5	April & Oct.	"	" 77-'78	....	1st Mort. (Northern Ext.) guar.	687,000	8	May & Nov.	"	1890	...
New Bonds £1,000,000.....	5,000,000	6	June & Dec.	"	1890	....	Consolidated Mortgage (236 m.)	2,601,000	8	March & Sept.	"	1891	94
Debenture Bonds £1,743,160...	8,715,300	5	Jan. & July.	"	Perp.	....	Jacksonville, North West & S. East:						
Great Western Railway of 1859:							1st Mortgage.....	610,000	7*	Jan. & July.	New York.	1902	....
1st Mort., ass'd by T. W. & W.	2,500,000	7	Feb. & Aug.	New York.	1888	11	Jacksonville, Pensac. and Mobile:						
2d Mort., " " " " " " " "	2,500,000	7	May & Nov.	"	1893	68	1st Mortgage.....	472,000	7	Jan. & July.	New York.	1890	....
Green Bay and Minnesota:							2d Mortgage.....	2,000,000	8	"	"	1899	....
1st Mortgage.....	3,200,000	7*	Feb. & Aug.	"	1900	....	Jameson & Frank (L.S. & M. So.):						
Greenville and Columbia:							1st Mortgage guaranteed.....	433,000	7	Jan. & July.	New York.	1897	...
1st Mortgage guar. by S. Car....	1,426,546	7	Jan. & July.	Columbia.	" 81-'86	....	2d Mortgage guaranteed.....	500,000	7	June & Dec.	"	1894	....
1st Mortgage not guaranteed.....	376,766	7	"	"	" 81-'86	....	Jefferson (Erie):						
Greenwich and Johnsonville:							1st Mort. (Hawley Section)....	204,000	7	Jan. & July.	New York.	1887	83
1st Mortgage.....	185,000	7	May & Nov.	New York.	1889	....	2d Mort. (").....	84,000	7	"	"	1889	...
Gulf, Western Texas and Pacific:							1st Mort. (Carbondale Section)..	2,000,000	7	"	"	1889	....
1st Mortgage (Construction)....	1,384,000	7*	Jan. & July.	"	1902	....	Jeffersonville, Madison & Indian.						
Hannibal and Naples (T. W. & W.):							1st Mortgage consol.....	2,474,000	7	April & Oct.	New York.	1906	....
1st Mortgage.....	675,000	7	May & Nov.	New York.	1888	33	2d Mortgage consol.....	2,000,000	7	Jan. & July.	"	1910	....
2d Mortgage.....	225,000	7	Jan. & July.	"	1890	....	1st Mortgage (Ind. & Mad.) guar.	397,000	7	May & Nov.	"	1881	....
Hannibal & Cent. Mo. (T. W. & W.):							Jersey City and Albany:						
1st Mortgage, tax free.....	1,000,000	7	May & Nov.	New York.	1890	86	1st Mortgage.....	250,000	7*	Jan. & July.	New York.	1913	....
2d Mortgage.....	250,000	7	"	"	1892	76	1st Mortgage (Ridgfield Park).	300,000	7	May & Nov.	"	1912	....
Hannibal and St. Joseph:							Joliet and Chicago (C. & Alton):						
Missouri State Loan.....	1,500,000	6	Jan. & July.	New York.	" 87-'94	103	1st Mortgage skg fund guar....	336,000	8	Jan. & July.	New York.	1882	100
Missouri State Loan.....	1,500,000	6	"	"	" 87-'88	97	Junction, Philadelphia:						
Fifteen years' bonds (277 m.)...	4,000,000	8	March & Sept.	"	1885	....	1st Mortgage, guaranteed.....	500,000	6	Jan. & July.	Philadelphia.	1882	105
1st Mort. (Q. & Palm R.R. 15 m.)	500,000	8	Feb. & Aug.	"	1892	....	2d Mortgage not guaranteed....	300,000	6	April & Oct.	"	1900	103
1st Mort. (K. City & Cam. RR 65 m.)	1,200,000	10	Jan. & July.	"	1886	....	Junction and Breakwater:						
General Land Mortgage (277 m.)	.....	7	April & Oct.	"	1888	106	1st Mort. guar. by Delaware....	352,000	6	Jan. & July.	New York.	1890	....
Harlem Extension:							Kalamazoo, Allegan & Gr. Rapids:						
1st Mortgage.....	4,000,000	7	Jan. & July.	New York.	1890	...	1st Mort. assumed by L.S. & M.S.	840,000	8	Jan. & July.	New York.	1888	95
Harrisburg & Lancaster:							Kalamazoo and Schoolcraft:						

AMERICAN RAILROAD BOND LIST.

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Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Kansas Pacific:							Louisville, Cincln. and Lexington:						
1st Mort. (1st Div. 140 m.) gold..	2,240,000	8*	Feb. & Aug.	N. Y. & St. Lo.	1895	102	Bonds to State of Kentucky.....	74,519	6	Jan. & July.	New York.	Perp.	.....
1st Mort. (2d Div. 253.94 m.) gold	4,063,000	6*	June & Dec.	"	1896	97 1/2	1st Mortgage for Cincinnati Br..	3,000,000	7	"	"	1897	.....
1st Mort. (3d Div. 244.66 m. & 3,000,000 a.)	6,411,000	7*	May & Nov.	N. Y. L. & F.	1899	67 1/2	2d Mortgage for \$1,000,000.....	878,000	8	April & Oct.	"	1900	.....
1st Mort. (1,000,000 acres).....	187,000	7*	March & Sept.	N. Y. & St. Lo.	'71-'76	.....	Louisville Loan.....	100,000	6	Jan. & July.	"	1881	.....
1st Mort. (2,000,000 acres) gold....	1,722,250	7*	Jan. & July.	N. Y. L. & F.	1880	.....	1st Mort. (Louisville & Frankf't)	39,000	6	"	"	'73-'75	.....
2d Mort. (") gold.....	1,500,000	7*	March & Sept.	"	1886	.....	1st Mort. (Louis., Cin. and Lex.)	21,000	8	April & Oct.	"	1902	.....
1st Mort. (Leavenworth Branch)	600,000	7	May & Nov.	N. Y. & St. Lo.	1896	.....	1st Mortgage (Shelby R. R.).....	88,500	8	June & Dec.	"	1881	.....
2d Mortgage (Gov't Subsidy).....	6,303,000	6	Jan. & July.	U. S. Treas.	'95-'97	.....	Louisville and Nashville:						
3d Mortgage (Income).....	4,275,350	7	March & Sept.	N. Y. L. & F.	1916	.....	Ten Year Mortgage Gold bonds	2,000,000	7*	May & Nov.	New York.	1883	87 1/2
Kent County (Del.)							Mort. main office lot & buildin..	80,000	7	"	Louisville.	1883	.....
1st Mortgage for \$600,000.....	400,000	6	Jan. & July.	Philadelphia.	1880	.....	1st Mort. (Leb. Br. Ext. 73.2m.)..	88,000	7	"	"	'80-'85	.....
Kentucky Central:							1st Mort. (Memphis and Ohio)...	3,500,000	7	June & Dec.	New York.	1901	.....
2d Mort. (Cov'gton & Lexington)	844,000	7	March & Sept.	New York.	1883	.....	1st Mort. (Memph. & Clarksv. Br.)	2,389,710	6*	Feb. & Aug.	"	1902	.....
3d Mortgage.....	237,000	7	June & Dec.	"	1885	.....	Consol. M. for \$5,000,000 (392 m.)	7,109,000	7	April & Oct.	"	1898	108
Keokuk and Des Moines:							Louisville Loan.....	849,006	6	"	"	'86-'87	.....
1st Mortgage.....	1,947,000	7	April & Oct.	New York.	1904	.....	Louisville Loan (Lebanon Br.)...	225,600	6	May & Nov.	"	1886	.....
Funded Interest.....	254,300	8	"	"	1884	.....	Louisv. Loan (Leb. Br. Exten.)...	333,000	6	April & Oct.	Louisville.	1893	99
Keokuk and St. Paul (C.B. & Q.):							Louisv. N. Al. & St. Lo. Air-Line:						
1st Mortgage traffic guar.....	318,000	8	April & Oct.	Boston.	1879	101 1/2	1st Mortgage gold, \$25,000 p. m..	2,875,000	7*	Jan. & July.	New York.	1892	.....
La Crosse, Trempealeau & Prescott:							Macon and Augusta:						
1st Mort. assumed by C. & N.W.	1,000,000	10	April & Oct.	New York.	1878	.....	1st Mortgage end. by Ga. R. R..	300,000	7	Jan. & July.	New York.	1877	.....
Laf. Bloomington & Miss. (T.W. & W.)	1,300,000	7*	Feb. & Aug.	New York.	1891	70	1st Mortgage not endorsed.....	100,000	7	"	"	1887	.....
Laf. Muncie & Bloom. (T.W. & W.)	1,500,000	7*	Feb. & Aug.	New York.	1901	40	Construct. Mort. end. by Ga. R.R.	370,000	7	"	"	1879	.....
1st Mortgage gold guar.....	1,500,000	7*	Feb. & Aug.	New York.	1901	40	Macon and Brunswick:						
Lake Erie and Louisville:							1st Mort. endorsed by Ga.....	1,900,000	7	Jan. & July.	New York.	1887	.....
1st Mortgage.....	1,092,000	7	April & Oct.	New York.	1892	.....	1st Mort. ".....	600,000	7	May & Nov.	"	1900	.....
2d Mortgage.....	590,000	7	Jan. & July.	"	1903	.....	2d Mortgage.....	1,100,000	7	April & Oct.	"	1889	.....
Lake Ontario Shore:							Equipment Mortgage.....	150,000	7	"	"	1879	.....
1st Mortgage (\$20,000 pr. m.)....	1,433,200	7*	Jan. & July.	New York.	1897	.....	Madison and Portage:						
Lake Shore & Michigan South'n:							1st Mort., guar. by Chl. and Sup.	600,000	7*	April & Oct.	New York.	1890	.....
Sinking Fund Mortgage.....	888,000	7	April & Oct.	New York.	1879	.....	Maine Central:						
Consol. Mort., S.F., Reg'd. Vd..	7,925,000	7	J. A. J. & O.	"	1900	111 1/2	Consolidated Mortgage.....	2,796,500	7	April & Oct.	Boston.	1912	89 1/2
Consol. Mort., S.F., Coupon.....	9,208,000	7	Jan. & July.	"	1900	124	\$1,100,000 Loan, tax free.....	756,900	6	Jan. & July.	"	1898	91
2d Consol. Mort. for \$25,000,000	9,208,000	7	June & Dec.	"	1903	104	Extension (gold) Loan.....	496,500	6	April & Oct.	"	1900	.....
Bonds of 1892 (Reg. & Coupon)	3,294,000	7	April & Oct.	"	1882	.....	1st Mort. (Belfast & Moosehead)	150,000	3*	May & Nov.	Belfast & Bos.	1890	.....
Lake Shore Dividend Bonds.....	1,393,000	7	"	"	1899	109	\$1,100,000 (A. & Ken.) Loan....	1,100,000	6	Jan. and July.	Boston.	'90-'91	90
Reg. Mort. (Cleav. & Ash.).....	1,000,000	7	Jan. & July.	"	1880	.....	1st Mortgage (Portland & Ken.)	217,300	6	April & Oct.	Augusta.	1885	.....
2d Mort. (") ".....	1,000,000	7	April & Oct.	"	1892	.....	Consol. (Port. & Kennebec) Loan	1,166,700	6	"	Boston.	1895	93 1/2
1st Mort. (Mich. S. & Nor. Ind.)	5,256,000	7	May & Nov.	"	1885	.....	2d Mort. (Somerset & Kennebec)	280,000	6	June & Dec.	"	1876	.....
2d Mort. (") ".....	1,595,000	7	Jan. & July.	"	1885	.....	1st Mort. (Leeds & Farmington)	633,000	6	Jan. & July.	"	1901	.....
1st Mort. (Cleveland & Toledo)	849,000	7	April & Oct.	"	1886	.....	Bath (Androscoggin) Loan.....	425,000	6	"	"	1891	.....
2d Mort. (") ".....	200,000	7	Jan. & July.	"	1882	.....	Mansfield & Framing. (B.C. & F.):						
Mort. Bonds (Buffalo and Erie)	300,000	7	March & Sept.	"	1886	.....	1st Mortgage, guaranteed.....	300,000	7	Jan. & July.	Boston.	1880	95 1/2
Mort. Bonds (") ".....	2,844,000	7	April & Oct.	"	1898	.....	Marietta and Cincinnati:						
1st M. (Det'r., Monroe & Toledo)	924,000	7	Feb. & Aug.	"	1906	.....	1st Mortgage, Sterling.....	1,050,000	7*	Feb. & Aug.	London.	1891	.....
1st M. (Kalam. & White Pigeon)	400,000	7	Jan. & July.	"	1890	.....	1st Mortgage Dollar.....	2,460,000	7	"	Baltimore.	1891	82 1/2
1st M. (School. & Three Rivers)	100,000	8	"	"	1887	.....	2d Mortgage Dollar.....	2,500,000	7	May & Nov.	"	1896	30 1/2
1st M. (Kalamaz. & Schoolcraft)	100,000	8	"	"	1887	.....	3d Mortgage Dollar.....	3,000,000	8	Jan. & July.	"	1900	13 1/2
1st M. (Kal. Allegan & Gr. Rap.)	840,000	8	"	"	1888	.....	4th Mortgage.....	2,004,000	8	April & Oct.	"	1908	.....
1st M. (Jamestown & Franklin)	422,000	7	"	"	var	.....	1st Mort. (Scioto & Hock. Val.)	300,000	7	May & Nov.	"	1888	.....
2d M. (") ".....	500,000	7	June & Dec.	"	1894	.....	Marietta, Pittsburg & Cleveland:						
Lake Shore & Tuscarawas Valley:							1st Mortgage gold.....	1,500,000	7*	Feb. & Aug.	New York.	1895	.....
1st Mortgage gold.....	2,000,000	7*	April & Oct.	Cleveland, O.	1901	.....	Marquette, Houghton & Ontonagon:						
2d Mortgage, for \$1,000,000.....	696,000	7	"	"	.....	.....	1st Mortgage (Marq. & Ont.)...	1,700,000	8	Jan. & Dec.	New York.	1892	99 1/2
Elyria and Black Riv. b'ds ans'd	180,000	7	May & Nov.	"	1892	.....	1st Mort. (Houghton and Ont.)...	2,000,000	8	Jan. & July.	"	1892	.....
Lake Superior & Mississippi:							Consolidated Mortgage.....	1,454,000	8-10	Various.	"	'92-'03	.....
1st Mort. skg fund gold tax free.	4,500,000	7*	Jan. & July.	N.Y.-Bost.-Ph.	1896	20 1/2	Massachusetts Valley (C. & P. R.):						
2d Mort. gold tax free and conv.	3,200,000	7*	April & Oct.	"	1900	.....	1st Mortgage guaranteed.....	400,000	6*	Jan. & July.	Boston.	1889	90
Income Bonds.....	3,200,000	10	"	"	1902	.....	Maryland and Delaware:						
Lawrence (P. St. W. & Chl.):							1st Mortgage.....	850,000	6	May & Nov.	Boston.	1885	.....
1st Mortgage, guaranteed.....	355,000	7	Feb. & Aug.	New York.	1896	.....	2d Mortgage.....	150,000	6	June & Dec.	"	1889	.....
Leavenworth, Aich. & N. West'n:							Massillon & Cleve. (C.M. V. & D.)						
1st Mort. guar. by Pac. of Mo'..	500,000	7	April & Oct.	New York.	1890	.....	1st Mortgage guaranteed, gold..	100,000	7*	Jan. & July.	New York.	1890	.....
Leaven. Lawrence & Galveston:							Maysville and Lexington:						
1st Mort. skg fund conv., gold..	5,000,000	10	Jan. & July.	N. Y. & Bost.	1899	25	1st Mortgage.....	600,000	7*	Jan. & July.	New York.	1890	.....
1st Mort. (K. O. & San. Fe) guar.	720,000	10	May & Nov.	Boston.	1890	.....	Memphis and Charleston:						
1st Mort. (Southern Kan.) guar.	160,000	8	June & Dec.	"	1891	.....	1st Mortgage, Convertible.....	1,293,000	7	March & Sept.	New York.	1890	100
Lehigh and Lackawanna:							2d Mortgage.....	1,000,000	7	Jan. & July.	"	1885	.....
1st Mortgage tax free.....	300,000	7	Feb. & Aug.	Philadelphia.	1897	.....	Tennessee State Loan.....	1,314,142	6	"	"	.....	.....
Lehigh Valley:							Income Bonds.....	600,000	10	March & Sept.	"	'73-'78	.....
1st Mortgage (new loan).....	5,000,000	6	June & Dec.	Philadelphia.	1898	110	Memphis and Little Rock:						
1st Mortgage (") reg.....	6,000,000	6	March & Sept.	"	1910	110 1/2	1st Mortgage (Land Grant).....	1,300,000	8	May & Nov.	New York.	1890	.....
2d Mortgage for \$6,000,000.....	6,000,000	6*	June & Dec.	"	1923	100	2d Mortgage.....	1,000,000	8	"	"	.....	.....
General Mort. for \$40,000,000..	5,000,000	6*	"	"	1922	99 1/2	Michigan Air Line (Mich. Cent.):						
Lewish. Centre & Spruce C. (P. & E.)							1st Mort. (South Bend Div.) ass'd	200,000	8	May and Nov.	New York.	1890	88
1st Mortgage.....	1,545,000	7	May & Nov.	Philadelphia.	1902	.....	Michigan Central:						
Lexington & St. Louis (A. & P.):							1st Mortgage, convertible.....	556,000	8	April & Oct.	Boston.	1882	.....
1st Mortgage gold.....	900,000	6*	June & Dec.	New York.	1899	.....	1st Mortgage sinking fund conv.	2,179,000	8	"	"	1882	111
Little Miami:							Consol. Mortgage for \$10,000,000	8,000,000	7	May & Nov.	New York.	1902	111 1/2
1st Mortgage.....	1,490,000	6	May & Nov.										

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Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Minneapolis & S. L. (B. C. R. & N. Y.)	\$ 150,000	7*	Jan. & July.	New York.	1911	....	N. O., Jack. & G. N. (N. O. S. L. & C.):	\$ 3,000,000	8	Jan. & July.	New York.	1886	....
1st Mortgage gold, guaranteed.	20,000	7*	Jan. & July.	Detroit.	1890	....	2d Mortgage for \$3,000,000.	1,500,000	8	April & Oct.	" "	1890	....
Minnesota and North Western:							New Orleans, Mobile and Texas:						
1st Mort. gold, skg fd & tax free	20,000pm	7*	Jan. & July.	" "	1890	....	1st Mort. (Mobile to N. Orleans)	4,000,000	7*	Jan. & July.	N. Y. & Lond.	1915	....
Mississippi Cent. (N. O. S. L. & C. H.):							1st Mort. (N. Orleans to Texas)	7,250,000	8	" "	New York.	1915	....
1st Mortgage.	1,012,500	7	May & Nov.	New York.	"74-'84	....	2d Mort. endorsed by Louisiana.	2,825,000	8	" "	" "	1915	....
2d Mortgage.	2,000,000	8	Feb. & Aug.	" "	1888	....	New York, Boston and Montreal:						
General Mort. for \$3,000,000 gold	3,708,500	7*	May & Nov.	" "	1912	....	1st Mortgage for \$12,250,000.	6,250,000	7*	Feb. & Aug.	N. Y. or Lond.	1889	....
Mississippi, Ouachita & Red Riv.:							New York & Canada (D. & H. C.):						
1st Mortgage gold.	2,040,000	7*	Jan. & July.	" "	1900	....	1st Mort. for \$200,000, guar.	4,000,000	6*	May & Nov.	London.	1904	....
Mississippi and Tennessee:							New York Central & Hudson R.:						
1st Mortgage, Series A.	1,000,000	8	April & Oct.	Memphis.	1902	....	Debt Certificates (N. Y. Cent.)	6,632,900	6	May & Nov.	New York.	1883	1/6
2d Mortgage, Series B.	1,100,000	8	Jan. & July.	" "	1902	....	Bonds for B. & N. F. stk (")	74,500	6	May & Nov.	" "	1883	....
Mississippi Valley and Western:							Bonds for R. R. Stocks (")	592,000	6	" "	" "	1883	104
1st Mortgage \$20,000 p. m.	800,000	7	Feb. & Aug.	New York.	1902	....	Bonds for Real Estate (")	162,000	6	" "	" "	1883	104
Missouri, Iowa and Nebraska:							Bonds of 1854 renewed (")	2,391,900	6	June & Dec.	" "	1887	1/6
1st Mortgage gold, sinking fund.	2,000,000	7*	June & Dec.	" "	1910	....	2d Mort. (Hudson River) S. F.	1,794,000	7	" "	" "	1885	111
Missouri, Kansas and Texas:							Bonds of 1871, tax free.	1,950,000	7	April & Oct.	" "	1891	....
1st Mort. (U. Pac. S. B. R.) skg fund	2,615,000	6*	Jan. & July.	New York.	1899	....	1st Mort., coup. } for \$30,000,000	18,465,000	7	Jan. & July.	" "	1903	118
1st Mort. (Tobo & Neosho) S. F.	349,000	7*	June & Dec.	" "	1903	....	1st Mort., reg'd } for \$20,000,000	9,733,333	6*	" "	London.	1903	....
Consol. Land Grant, skg fd gold	10,418,000	7*	Feb. & Aug.	" "	1904	40	New York and Harlem:						
First Additional Consol. Mort.	2,500,000	7	" "	" "	1905	....	Sinking Fund Mortgage of 1861.	107,704	7	Jan. & July.	New York.	1881	....
Second Add. Consol. Mort.	1,184,000	7	" "	" "	1906	....	Consol. Mort. of 1872, coupon.	10,500,000	7	May & Nov.	" "	1900	120
Third Additional Consol. Mort.	600,000	7	" "	" "	1906	....	Consol. Mort. of 1872, reg. }				" "	1900	129
Missouri River, Ft. Scott & Gulf:							New York K. I. vated:						
1st Mortgage, Land Grant, S. F.	5,000,000	10	Jan. & July.	New York.	1889	76	1st Mortgage.	7,000,000	7	Jan. & July.	New York.	1906	85
2d Mortgage.	2,000,000	10	April & Oct.	N. Y. & Bos.	1890	15	N. York, Housatonic & Northern:						
Mobile and Girard.							1st Mortgage.	1,500,000	7*	April & Oct.	New York.	1902	....
1st Mortgage.	377,500	7	Jan. & July.	Savannah.	1876	....	New York, Kingston & Syracuse:						
2d Mort. end. by Cent. R. R. of Ga.	300,000	8	" "	New York.	1889	....	1st Mort. for \$4,000,000.	2,500,000	7*	Jan. & July.	New York.	1902	....
Flain bonds.	33,500	8	" "	Savannah.	1887	....	New York, N. Haven & Hartford:						
Mobile and Montgomery:							1st Mort. (Harlem & Portchester)	2,000,000	7	" "	New York.	1903	....
1st Mort. end. by State of Ala.	2,434,000	8*	May & Nov.	New York.	1900	....	New York and New England:						
2d Mortgage.	800,000	8	" "	" "	1900	....	1st mortgage, old.	923,000	7	March & Sept.	Boston.	1884	....
Mobile and Ohio:							1st mortgage, new.	343,000	7	Jan. & July.	" "	1905	....
1st Mortgage Sterling.	5,686,000	6*	May & Nov.	Mob. & Lond.	1883	....	New York and Oswego Midland:						
Interest bonds.	1,624,300	8	" "	Mobile.	"76-'83	....	1st Mortgage gold, tax free.	8,000,000	7*	Jan. & July.	New York.	1894	....
Sterling Interest bonds.	769,920	6*	" "	London.	1883	....	2d Mortgage convertible.	2,500,000	7	May & Nov.	" "	1895	....
Tennessee Substitution Bonds.	1,888,000	7*	Jan. & July.	N. Y. & Lond.	1901	....	2d Mortgage non-convertible.	1,500,000	7	" "	" "	1896	....
Special Mort. (Gainesville Br'n)	63,000	8	May & Nov.	Mobile.	1877	....	3d Mort. (Equipment).	3,800,000	7	" "	" "	....	....
2d Mortgage.	1,453,858	8	March.	" "	1877	....	1st Mort. (West. Extension).	2,425,000	7	" "	" "	....	....
Consol. Mort. for \$15,000,000.	977,550	8	Jan. & July.	N. Y. & Lond.	1904	....	Consolidated Mortgage.	1,200,000	7	" "	" "	....	....
Convertible 5 per cent. bonds.	977,550	8	M. J. S. & D.	New York.	....	....	New York, Providence & Boston:						
Montclair (N. Y. and O. Mid.):							1st Mortgage.	76,000	6	Feb. & Aug.	New York.	1878	....
1st Mortgage gold, guar.	1,800,000	7*	March & Sept.	New York.	....	....	Extension Bonds.	250,000	6	May & Nov.	" "	"78-'81	....
2d Mortgage.	750,000	7	" "	" "	....	....	General Mort. for \$1,000,000.	837,000	7	Jan. & July.	" "	1899	....
Income Mortgage.	888,400	7	" "	" "	....	....	Norfolk & Petersburg (A. M. & O.):						
Montgomery and Erie (Erie):							1st Mortgage.	306,000	8	Jan. & July.	New York.	1877	88
1st Mortgage.	127,800	7	May & Nov.	New York.	1888	....	1st Mortgage.	157,000	7	" "	" "	1877	81
2d Mortgage.	47,000	7	April & Oct.	" "	1887	....	2d Mortgage.	454,000	8	" "	Norfolk.	1893	86
Montgomery and Eufaula:							North Carolina:						
1st Mortgage end. by Ala. gold.	1,040,000	8*	March & Sept.	New York.	1886	....	1st Mortgage.	210,000	8	May & Nov.	Co's Shops, N.C.	1888	....
1st Mortgage not endorsed.	350,000	8	June and Dec.	" "	1900	....	North Eastern (S. Car.):						
Monticello and Port Jervis:							1st Mortgage.	820,000	8	March & Sept.	Charleston.	1899	....
1st Mortgage gold, tax free.	500,000	7*	J. A. J. & O.	New York.	1890	....	2d Mortgage.	282,500	8	" "	" "	1899	....
Morris and Essex (D. L. & W.):							North Missouri (St. L., K. C. & N.):						
1st Mortgage sinking fund, guar.	5,000,000	7	May & Nov.	New York.	1914	115	1st Mortgage.	3,000,000	7	Jan. & July.	New York.	1895	103
2d Mortgage guar.	3,063,000	7	Feb. & Aug.	" "	1891	134	North Pennsylvania:						
Convertible bonds.	354,600	7	Jan. & July.	" "	1900	85	1st Mortgage.	1,930,500	6	Jan. & July.	Philadelphia.	1885	108
Construction bonds.	573,000	7	Feb. and Aug.	" "	1889	86	2d Mortgage.	1,500,000	7	May & Nov.	" "	1896	112
Gen'l M. (lat on Boston Br.) gr.	4,991,000	7	April & Oct.	" "	1901	101	General Mortgage.	2,035,000	7	Jan. & July.	" "	1903	105
Special Mortgage.	1,025,000	7	" "	" "	1915	....	North Shore (Flush., N. S. & Cent.):						
Consol. mort. for \$25,000,000 guar	3,299,000	7	June & Dec.	" "	1915	....	1st Mortgage.	135,000	7	Feb. & Aug.	New York.	1887	....
Nashville, Chattanooga & St. Louis:							Northern Central:						
1st Mort., endorsed by Tenn.	1,100,000	6	Jan. & July.	New York.	"74-'83	....	1st Mortgage, Md. State loan.	1,500,000	6	J. A. J. & O.	Annapolis.	Irred.	....
2d Mort. (Hela by U. S. Gov.)	1,000,000	4	" "	" "	"81-'91	....	2d Mortgage S. F. Coupon.	1,490,000	6	Jan. & July.	Baltimore.	1885	1/7
3rd Mortgage.	4,700,000	7	" "	" "	1913	100	3d Mortgage Coupon.	1,128,000	6	April & Oct.	Phila. & Balt.	1900	101
New Mortgage.							Mortgage coupon.	2,599,000	6*	Jan. & July.	Baltimore.	1900	92
Nashville and Decatur (L. & Nash.):							Mortgage registered.	205,000	6*	April & Oct.	" "	1900	....
1st Mortgage sinking fund, guar.	1,900,000	7	Jan. & July.	New York.	1900	100	Consol. General Mort. S. F.	4,518,000	6*	Jan. & July.	Lond. & Balt.	1904	....
2d Mortgage gold.	204,000	6*	April & Oct.	Nashville.	1887	....	Second General Mort. coupon.	3,000,000	6	" "	Baltimore.	1926	....
Nashua and Lowell:							Second General Mort. coupon.	1,000,000	6	" "	" "	1926	....
Bonds for freight depot.	200,000	6*	Feb. & Aug.	Boston.	1892	104	Northern New Jersey (Erie):						
Newark and New York (U. of N. J.):							1st Mortgage skg fd guar.	400,000	7	Jan. & July.	Jersey C.	1878	....
1st Mortgage guar.	600,000	7	Jan. & July.	New York.	1891	....	Northern Pacific:						
Newark, Somerset & Straitsville:							1st Mort. on R. R. & lands gold.	4,000,000	7.3*	Jan. & July.	New York.	1900	24
1st Mortgage gold.	800,000	7*	May & Nov.	New York.	1889	98	3d Mort., assumed by B. and O.	140,000	6	Jan. & July.	Baltimore.	1885	100
New Bedford:							Northwestern Union (C. & N. W.):						
1st Mort. (New Bed. & Taunton)	171,500	6	Jan. & July.	Boston.	1881	98	1st Mortgage.	3,500,000	7*	March & Sept.	New York.	1917	....
New Issue for \$300,000.	400,000	7	" "	" "	1894	105	Norwich & Worcester (B. H. & E.):						
New Haven and Derby:							1st Mort. Mass. Loan, skg. fd.	400,000	6*	Jan. & July.	Boston.	1877	....
1st Mortgage.	525,000	7	Various.	New Haven.	98-'00	....	Construction Bonds.	400,000	6	March & Sept.	" "	1897	....
New H., Middle'n & Willman:							Nyack and Northern:						
1st Mortgage (coup. & reg.)	3,000,000	7	May & Nov.	New York.	1889	....	1st Mortgage.	150,000	7	Jan. & July.	New York.	1890	....
2d Mortgage.	2,000,000	7	" "	" "	1881	....	Ogdensburg and Lake Champlain:						
New Haven and Northampton:							Equipment Mortgage.	300,000	8	Jan. & July.	Boston.	1878	94
1st Mortgage.	1,000,000	7	Jan. & July.	N. Y. & N. H.	1899							

AMERICAN RAILROAD BOND LIST.

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Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Oil Creek (Pittsb., T. & Buffalo):	\$						Philadelphia, Wilmington & Balt.:	\$					
1st Mortgage.....	590,000	7	April & Oct.	Philadelphia.	1896	78 1/2	Mortgage Loan, convertible....	262,000	6	Jan. & July.	Phila. & Bost.	1884	103 1/2
Omaha and Northwestern:							Loan of 1887.....	1,000,000	6	April & Oct.	" "	1887	103
1st Mort. Land Grant, Gold.....	16,000 pm	7 1/2	Jan. & July.	New York.	1901	...	Loan of 1872.....	700,000	6	" "	" "	1892	108 1/2
Omaha and Republican Valley:							Loan of 1875.....	801,000	6	" "	" "	1900	106
1st Mortgage.....							Pickering Valley (Phila. & Rdg.):						
Omaha and Southwestern:							1st Mortgage, guaranteed.....	331,800	7	April & Oct.	Philadelphia.	1900	53
1st Mortgage \$20,000 p. m.....	1,024,000	8	June & Dec.	Boston.	1896	113	Pittsburg, Cin. & St. Louis (Pa.):						
Oregon and California:							1st Mort. (Col. & Newark Div.)....	775,000	7	Jan. & July.	Philadelphia.	1890	...
1st Mortgage gold.....	10,950,000	7 1/2	April & Oct.	New York.	...	...	1st Mort. (Steub. & Ind.) conv.....	3,000,000	6	Monthly.	New York.	1884	96
Ozage Valley & Southern Kansas:							Consol. Mortgage for \$10,000,000.	6,222,000	7	Feb. & Aug.	Philadelphia.	1890	87
1st Mortgage (6-20 years).....	200,000	10	Jan. & July.	New York.	1888	...	Consolidated 2d Mortgage.....	2,500,000	7	April & Oct.	" "	1913	...
Oshkosh & Miss. (C. M. & S. P.):							Pittsburg, Ft. Wayne & Chicago:						
1st Mortgage.....	240,000	8	Jan. & July.	New York.	1891	...	1st Mortgage (Series A).....	375,000	7	Jan. & July.	New York.	1912	118 1/2
Oswego and Rome (R. W. & O.):							1st Mortgage (Series B).....	375,000	7	Feb. & Aug.	" "	1912	...
1st Mortgage.....	500,000	7	May & Nov.	New York.	1916	...	1st Mortgage (Series C).....	375,000	7	March & Sept.	" "	1912	...
Income Mortgage.....	112,100	6	Feb. & Aug.	" "	1891	...	1st Mortgage (Series D).....	375,000	7	April & Oct.	" "	1912	...
Oswego and Syracuse (D. L. & W.):							1st Mortgage (Series E).....	375,000	7	May & Nov.	" "	1912	...
1st Mortgage, guaranteed.....	201,000	7	May & Nov.	New York.	1885	...	1st Mortgage (Series F).....	375,000	7	June & Dec.	" "	1912	...
Ottawa, Oswego & Fox River:							2d Mortgage (Series G).....	300,000	7	Jan. & July.	" "	1912	115 1/2
1st Mortgage guar. by C. B. & Q.	1,079,000	8	Jan. & July.	N.Y. & Bost.	1900	112 1/2	2d Mortgage (Series H).....	300,000	7	Feb. & Aug.	" "	1912	...
Owenabaw & Russellville:							2d Mortgage (Series I).....	300,000	7	March & Sept.	" "	1912	...
1st Mortgage for \$1,500,000.....	1,500,000	8	Feb. & Aug.	New York.	1892	...	2d Mortgage (Series K).....	300,000	7	April & Oct.	" "	1912	...
Pacific of Missouri:							2d Mortgage (Series L).....	300,000	7	May & Nov.	" "	1912	...
1st Mortgage gold.....	7,000,000	6 1/2	Feb. & Aug.	New York.	1888	102 1/2	2d Mortgage (Series M).....	2,000,000	7	April & Oct.	" "	1912	114
2d Mortgage sinking fund.....	2,350,000	7	Jan. & July.	" "	1891	98	Construction bonds of Jan. 1, '70	100,000	7	Jan. & July.	New York.	1887	...
3d Mortgage.....	4,000,000	7	May & Nov.	" "	1885	...	Equipment bonds.....	1,000,000	6	March & Sept.	" "	1884	...
St. Louis County Debt.....	700,800	7	Monthly.	St. Louis.	1885	...	Pittsburg, Va. and Charleston:						
Real Estate Bonds.....	800,000	8	May & Nov.	New York.	1892	...	1st Mortgage.....	700,000	7	April & Oct.	New York.	1902	...
1st Mort. (Carondelet Branch).....	500,000	6 1/2	April & Oct.	" "	1893	70	Pittsburg, Wash. & Baltimore:						
Paducah and Memphis:							1st Mort. (Pittsb. & Conn'lville)....	4,000,000	7	Jan. & July.	Baltimore.	1896	95
1st Mortgage gold for \$2,505,000.	1,541,000	7 1/2	Feb. & Aug.	New York.	1902	...	2d Mort. do. (Balt. Loan).....	5,000,000	6	May & Nov.	" "	1902	...
Panama:							1st Mort. (Turtle Cr. Div. 10 1/2 m)	400,000	6	Feb. & Aug.	Pittsburg.	1889	...
General Mortgage, stg £597,800.	2,903,368	7 1/2	April & Oct.	London.	1897	...	Real Estate Mortgage.....	100,000	6	.....	Baltimore.	1883	...
Paris and Decatur:							Plymouth, Kankakee & Pacific:						
1st Mortgage gold, S. F.....	1,200,000	7 1/2	Jan. & July.	N. Y. & Lond.	1892	...	1st Mortgage for \$3,600,000.....	20,000 pm	7 1/2	Jan. & July.	New York.	1901	...
Paterson and Newark (Erie):							Port Huron and Lake Michigan:						
1st Mortgage guaranteed.....	500,000	7	Jan. & July.	New York.	1878	...	1st Mortgage gold, for \$1,800,000	1,800,000	7 1/2	May & Nov.	New York.	1899	...
Pekin, Ind. & Decatur (T.W. & W.):							Portland & Ogdensburg (Me. & N. H.):						
1st Mortgage, guaranteed.....	1,076,000	7	Feb. & Aug.	New York.	1900	60	1st Mort. (Maine Section) gold.....	800,000	6 1/2	Jan. & July.	Boston.	1900	...
Pemberton & Hights (U.C. of N.J.):							Consol. Mort. gold, for \$3,300,000.	149,000	6 1/2	May & Nov.	" "	1901	15
1st Mortgage guaranteed.....	160,000	7	Jan. & July.	Philadelphia.	1889	105	Portland and Ogdensburg (Vt.):						
Peninsular (Mich.) Railway:							1st Mortgage gold, for \$2,300,000	1,200,000	6 1/2	May & Nov.	N.Y. & Bost.	1891	46
1st Mortgage gold (S. F.) 1st series	1,800,000	7 1/2	May & Nov.	N.Y. or Lond.	1899	...	Portland and Oxford Central:						
1st Mortgage gold (S. F.) 2d series	2,000,000	7 1/2	" "	" "	1900	...	1st Mortgage of 1883.....	250,000	6	Jan. & July.	Portland.	1883	...
2d Mortgage.....	540,000	7	Feb. and Aug.	New York.	1881	...	Portland and Rochester:						
Pennsylvania:							1st Mort. (Portland Loan) skg f'd	700,000	6	Jan. & July.	Boston.	1887	...
1st Mort. (Harris'g to Pittsb'g)	4,970,000	6	Jan. & July.	Philadelphia.	1889	104 1/2	1st Mortgage (equal lien).....	100,000	7	April & Oct.	" "	1887	...
General Mortgage.....	19,399,760	6	J. A. J. & O.	Philadelphia.	1910	107 1/2	2d Mort. (Portland Loan).....	396,500	6	Mar. & Sept.	" "	1891	...
General Mortgage, registered.....							Port Royal (S. C.):						
Consolidated Mortgage.....	29,250,000	6 1/2	Jan. & July.	London.	1906	96	1st Mortgage gold, skg f'd.....	2,000,000	7 1/2	May & Nov.	N.Y. & Lond.	1889	...
State lien for \$7,500,000, skg f'd	4,572,110	5	April & Oct.	Philadelphia.	77-90	...	1st Mort. gold, guar. by Ga. R. R.	500,000	7 1/2	" "	" "	1889	...
Pennsylvania Coal:							Portsmouth, Et. Falls & Conway:						
1st Mortgage.....	487,500	7	Feb. and Aug.	New York.	1881	...	1st Mort., guar. by Eastern R. R.	514,000	7	June and Dec.	Boston.	1893	75 1/2
Pennsylvania and Delaware:							Poughkeepsie and Eastern:						
1st Mortgage.....	1,083,000	7	Feb. & Aug.	Philadelphia.	1903	...	1st Mort. gold, conv. & tax free...	644,500	7 1/2	Jan. & July.	New York.	1910	...
2d Mortgage.....	519,000	7	April & Oct.	" "	1903	...	2d Mortgage.....	78,000	7	" "	" "	...	...
Pennsylvania & New York (L.V.):							Providence and Worcester:						
1st Mortgage guaranteed.....	1,500,000	7	June & Dec.	Philadelphia.	1896	114	1st Mortgage.....	500,000	6	Jan. & July.	Providence.	1890	...
1st Mortgage guaranteed.....	1,500,000	7	" "	" "	1906	...	Stoughton Branch bonds.....	1,000,000	6	" "	" "	...	...
Peoria & Bureau Val (C. R. I. & P.):							Quincy, Alton and St. Louis:						
1st Mortgage guaranteed.....	600,000	8	Jan. & July.	New York.	1877	...	1st Mortgage gold.....	1,000,000	7 1/2	May & Nov.	Philadelphia.	1892	...
Peoria & Hannibal (C. B. & Q.):							Quincy and Palmyra:						
1st Mortgage, traffic guarantee.....	277,000	8	Jan. & July.	Boston.	1878	100 1/2	1st Mort. assumed by H. & St. Jo.	500,000	8	Feb. & Aug.	New York.	1892	...
Peoria, Pekin and Jacksonville:							Quincy and Toledo (T. W. & W.):						
1st Mortgage.....	1,000,000	7	Jan. & July.	New York.	1894	...	1st Mortgage, guaranteed.....	500,000	7	May & Nov.	New York.	1890	73
2d Mort. conv., and tax free.....	1,000,000	7	April & Oct.	" "	1900	...	Quincy & Warsaw (C. B. & Q.):						
Peoria and Rock Island:							1st Mortgage, guaranteed.....	725,000	8	Jan. & July.	Boston.	1890	110
1st Mort. gold, conv. & tax free.....	1,500,000	7 1/2	Feb. & Aug.	N.Y. & Lond.	1900	...	Reading and Columbia (P. & R.):						
2d Mortgage.....	150,000	10	Jan. & July.	New York.	1900	...	1st Mort., Coupon, guaranteed.....	650,000	7	March & Sept.	New York.	1882	95
Perkiomen (Phila. & Edg.):							2d Mort., Coupon, guaranteed.....	350,000	7	June & Dec.	Columbia.	1884	...
1st Mortgage, guaranteed.....	619,000	6	April & Oct.	Philadelphia.	1897	75	Rensselaer and Saratoga:						
Petersburg:							2d Mortgage.....	300,000	7	Jan. & July.	Troy.	1890	...
1st Mortgage (Installments).....	341,500	8	Jan. & July.	New York.	79-98	84 1/2	3d Mortgage.....	150,000	7	March & Sept.	New York.	1887	...
2d Mortgage.....	500,000	8	" "	" "	1902	...	1st Mort. (Saratoga & Whitehall)....	400,000	7	May and Nov.	" "	1890	...
Philadelphia and Atl. City:							1st Mort. (Troy, Salem & Rutl.)....	500,000	7	Jan. & July.	" "	1894	...
Mortgage for \$500,000.....	350,000	7	Jan. & July.	Philadelphia.	1907	...	1st Mortgage (Glenn's Falls).....	125,000	7	Jan. & July.	" "	1921	110 1/2
Philadelphia and Baltimore Cent.:							Consol. Mort. for \$2,000,000.....	1,795,500	7	May and Nov.	" "	...	...
1st Mortgage (Penn. Div. 3d m.)....	800,000	7	Jan. & July.	Philadelphia.	1879	...	New Gen'l Mort. for \$6,000,000.	1,092,000	6 1/2	.....	" "	...	...
1st Mortgage (Md. Div. 9 1/2 m.)....	300,000	6	" "	" "	1891	...	Richmond and Danville:						
2d Mortgage (Pa. & Md. 46 m.)....	400,000	7	" "	" "	1900	...	Virginia State Loan, skg fund.....	600,000	6	Jan. & July.	Richmond.	1890	...
Philadelphia and Erie (Penna.):							Virginia State guar. bonds.....	157,500	6	" "	" "	1875	...
1st Mort. (Sunbury & Erie 40m)	1,000,000	7	Apr. and Oct.	Philadelphia.	1897	108	1st Mort. (Piedmont Branch)....	800,000	8	" "	" "	1898	...
1st Mortgage.....	5,000,000	6	" "	" "	1881	104	1st Mort. (Northwestern, N.C.)....	500,000	6 1/2	April & Oct.	N. Y. or Rich.	...	...
2d Mortgage.....	3,000,000	7	Jan. & July.	" "	1888	101 1/2	Consolidated Mortgage.....	1,766,000	6 1/2	May and Nov.	New York.	75-90	72 1/2
General Mort. for \$20,000,000.....	7,652,000	6 1/2	" "	Phil. or Lond.	19								

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Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Saginaw Valley and St. Louis:							South Carolina:						
1st Mortgage.....	344,000	8	May & Nov.	Saginaw.	1892	....	1st Mortgage Sterling.....	1,482,687	5*	Jan. & July.	London.	'82-'88	....
Saint Croix and Penobscot:							1st Mortgage (L.) currency.....	1,061,500	7	"	New York.	'78-'88	....
1st Mort. (Cal. & Baring).....	95,200	6	Jan. & July.	Calais, Me.	1879	....	2d Mort. for \$3,000,000.....	1,205,500	7	April & Oct.	"	1902	....
2d Mort. (").....	17,500	6	"	"	1879	....	Domestic (I) Bonds.....	1,064,500	7	April & Oct.	Charleston.	1891	....
Calais Loan (Lewey's Island)...	115,000	6	June & Dec.	"	1876	....	Domestic (K) Bonds.....	63,500	6	Jan. & July.	"	'80-'92	....
St. Joseph & Denver City:							South Georgia and Florida:						
1st Mort. (E. D.) gold tax free..	1,500,000	8*	Feb. & Aug.	N. Y. & Lond.	1899	....	1st Mort. assumed by Atl. & Gulf	464,000	7	May & Nov.	New York.	1888	....
1st M. (W.D.) land grant, g'd tax fr	5,500,000	8*	"	"	1900	....	2d Mort.	200,000	7	"	"	1889	....
St. Joseph and St. Louis:							South Mountain Iron(Cumb.Val.):						
1st Mortgage.....	1,600,000	6	May & Nov.	New York	1893	....	1st Mortgage guaranteed.....	200,000	6	June & Dec.	Philadelphia.	1888	....
St. Louis, Alton and Terre Haute:							2d Mortgage for \$200,000.....	177,500	7	March & Sept.	"	1884	....
1st Mortgage skg f'd. (Series A)	1,100,000	7	Jan. & July.	New York.	1894	....	South and North Alabama:						
1st Mortgage skg f'd. (Series B)	1,100,000	7	April & Oct.	"	1894	104	1st Mort. endor. by Ala. gold..	391,000	8*	Jan. & July.	New York.	1890	....
2d Mortgage preferred (Series C)	1,400,000	7	Feb. & Aug.	"	1894	60	Sterling Mort., guar. by L. & N.	£1,638,000	6*	May & Nov.	London.	....	....
2d Mortgage preferred (Series D)	1,400,000	7	May & Nov.	"	1894	80	South Pacific (St. Louis & San F.):						
2d Mortgage Income (Series E)	1,700,000	7	"	"	1884	80	1st Mortgage gold, assumed.....	7,194,500	6*	Jan. & July.	New York.	1888	84
Equipment Mortgage.....	300,000	10	March & Sept.	"	1894	....	South Shore (Mass.):						
St. Louis, Iron Mt. and Southern:							1st Mortgage, sinking fund.....	150,000	6	April & Oct.	Boston	'80-'81	102
1st Mort. (St. Louis & Iron Mt.)	4,000,000	7	Feb. & Aug.	New York.	1892	104	South Side, Va. (A., M. and O.):						
2d Mort. (").....	6,000,000	7*	May & Nov.	"	1897	65	1st preferred bonds.....	675,000	8	Jan. & July.	New York.	'84-'90	102
1st Mort. L.G. (Arkansas Br'h)	2,500,000	7*	June & Dec.	"	1897	....	2d preferred bonds.....	621,000	6	"	"	'84-'90	80
1st Mort. (Cairo, Ark. & Tex.)	1,500,000	7*	"	"	1897	....	3d preferred bonds.....	452,500	6	"	"	'84-'90	65
Consolidated Mortgage.....	1,500,000	7	"	"	1899	....	Southern Central (N.Y.):						
St. Louis, Jacksonville & Chicago:							1st Mortgage, skg fund conv.....	1,500,000	7	Feb. & Aug.	New York.	1899	....
1st Mortgage.....	2,929,000	7	April & Oct.	New York.	1894	....	2d Mortgage.....	600,000	7*	March & Sept.	"	1892	108
2d Mortgage.....	548,000	7	Jan. & July.	"	1898	....	Southern Iowa and Cedar Rapids:						
St. Louis, Kansas City & North:							1st Mortgage gold.....	1,500,000	7*	May & Nov.	New York.	1900	....
1st Mortgage (North Missouri)	6,000,000	7	Jan. & July.	New York.	1895	101	Southern of L. L.:						
Real estate & 2d M. for \$3,000,000	943,000	7	March & Sept.	"	1895	88	1st Mortgage (South Side R. R.)	750,000	7	March & Sept.	New York.	1887	....
St. Louis, Lawrence and Denver:							2d Mort., Slnk. Fund.....	1,500,000	7	May & Nov.	"	1900	80
1st Mort. guar. by Atl. and Pac.	1,020,000	6*	Jan. & July.	New York.	1901	....	Southern Minnesota:						
St. Louis and South Eastern:							1st Mortgage land grant tax free	3,340,000	8	Apr. & Oct.	New York.	'78-'88	....
1st Mort. gold skg fund conv.....	2,207,000	7	May & Nov.	New York.	1894	....	2d Mortgage, land grant.....	1,252,000	7	Jan. & July.	"	1890	....
1st M. (Evans, D.) gold skg f'd. con	1,000,000	7	"	"	1896	....	Southern (Cal.) Pacific:						
1st M. (Evans, Hen. & Nash.)	1,000,000	7	Jan. & July.	"	1897	....	1st Mortgage gold for \$28,000,000.	11,000,000	6*	April & Oct.	New York.	....	94
Consol. Mort. Skg. Fund.....	2,000,000	7	Feb. & Aug.	"	1902	....	Southern Pennsylvania:						
St. Louis, Van. & T. H. (T.H. & L.):							1st Mortgage gold.....	625,000	7*	March & Sept.	Philadelphia.	1900	....
1st Mortgage, guaranteed.....	1,899,000	7	Jan. & July.	New York.	1897	....	2d Mortgage gold.....	88,000	7*	"	"	1880	....
2d Mortgage, (A.) guaranteed.....	1,600,000	7	May & Nov.	"	1898	....	South Western (Cen. of Ga.):						
3d Mortgage, (B.) convertible.....	1,000,000	7	"	"	1899	....	Plain Bonds, various conv.....	391,000	7	various.	Macon.	'72-'86	....
St. Louis and San Francisco:							1st Mortgage (Muscookee) conv..	300,000	7	"	"	'72-'79	....
2d Mortgage A for \$500,000.....	319,840	6*	May & Nov.	New York.	1906	....	Spartanburg and Union:						
2d Mort. B. & C for \$5,200,000...	4,959,142	2*	"	"	1906	25	1st Mortgage, end. by S. Car...	350,000	7	Jan. & July.	Charleston.	1879	....
St. Paul and Pacific 1st Division:							1st Mortgage not endorsed.....	198,370	7	"	"	1879	....
1st Mort. (St. P. to St. Anth.) 10m.	120,000	8	March & Sept.	New York.	1892	....	Springfield, Athol & Northeastern:						
1st M. (St. Paul to Watab) 80m.	366,000	7	Jan. & July.	"	1892	....	1st Mortgage.....	416,000	7	Jan. & July.	Boston.	'83-'91	....
2d Mort. (do.) & 1st land gr.	1,145,760	7	June & Dec.	"	1892	....	Springfield & Illinois S. Eastern:						
1st M. (Main L.) R.R. & Lands.	3,000,000	7*	May & Nov.	London.	....	....	1st Mortgage gold, tax free.....	3,400,000	7*	Feb. & Aug.	New York.	1899	....
2d M. (do.) R. R. & Lands.	8,500,000	7*	"	"	....	....	2d Mortgage gold, tax free.....	446,000	7*	April & Oct.	"	1900	....
General Mortgage for \$15,000,000	....	7*	"	"	....	....	Springfield and Northwestern:						
St. Paul, Stillwater & Taylor's F.:							1st Mortgage gold, skg fund....	500,000	7*	Feb. & Aug.	New York.	1901	....
1st Mortgage.....	450,000	8	Jan. & July.	New York.	1901	....	Staten Island:						
Salem (West Jersey):							1st Mortgage.....	200,000	7	Jan. & July.	New York.	1886	55
1st Mortgage guar.....	100,000	6	Jan. & July.	Philadelphia.	1878	....	Stanstead, Shefford and Chambly:						
Salem and Lowell (B. & L.):							1st Mort., Guar. by Cent. Verm.	500,000	7	Jan. & July.	Boston.	1887	35
1st Mortgage.....	226,900	6	Feb. & Aug.	Boston.	1878	80	Sullivan (Central Verm.):						
Sand, Mansfield & Newark (B. & O.):							2d Mortgage.....	250,000	6	Feb. & Aug.	Boston.	1881	....
1st Mortgage guaranteed.....	2,301,000	7	Jan. & July.	New York.	1900	91	Sullivan and Erie:						
Saratoga & Whitehall (R. & S.):							1st Mortgage, skg fund.....	1,000,000	7	May & Nov.	New York.	1886	....
1st Mortgage, guaranteed.....	400,000	7	March & Sept.	New York.	1886	....	Summit Branch:						
Savannah, Albany & Gulf (A. & G.):							1st Mortgage.....	800,000	7	Jan. & July.	N.Y., Bos. Ph.	1904	95
Sectional Mort.....	310,000	7	Jan. & July.	New York.	Var.	....	Sunbury and Lewiston:						
Savannah and Charleston:							1st Mortgage gold.....	1,200,000	7*	April & Oct.	Philadelphia.	1890	....
1st Mortgage (Sav. & Char.).....	500,000	7	Jan. & July.	New York.	1889	....	Income Mort. gold.....	200,000	6*	"	"	1891	....
State guaranteed (C. & S.) bonds.	505,000	6	March & Sept.	Charleston.	1877	....	Suspens. Bridge & Erie Junc. (E.):						
Funded Interest bonds, guar.....	111,800	7	"	"	1889	....	1st Mortgage.....	1,000,000	7	.....	New York.	....	....
Savannah, Griffin & North Ala.:							Syracuse, Bing. & N.Y. (D.L. & W.):						
1st Mortgage for \$500,000 guar...	152,000	7	Jan. & July.	Macon.	1891	....	1st Consol. Mortgage.....	1,750,000	7	April & Oct.	New York.	1906	....
Savannah and Memphis:							2d Mortgage (now 1st).....	270,000	7	June & Dec.	"	1887	103
1st Mort., gold, endor. by State.	16,000pm	8*	May and Nov.	New York.	1890	....	Syracuse and Chenango Valley:						
Schenectady & Susq. (D. & H. Can.):							1st Mort. gold, for \$500,000.....	500,000	7*	Feb. and Aug.	New York.	1891	....
1st Mortgage gold, tax free.....	400,000	7*	Jan. & July.	New York.	1900	....	Tebo and Neosho (M. K. & T.):						
Schoolcraft & Three R. (L.S. & M.S.):							1st Mortgage gold, skg fund....	1,163,000	7*	June & Dec.	New York.	1903	....
1st Mortgage.....	100,000	8	Jan. & July.	New York.	1887	....	Terre Haute & Indianapolis:						
Seaboard and Roanoke:							1st Mortgage.....	800,000	7	April & Oct.	New York.	1879	....
1st Mortgage.....	210,000	7	Jan. & July.	New York.	1880	....	Bonds of 1873 for \$1,600,000.....	516,000	7	"	"	1894	....
Belma and Gulf:							Texas and Pacific:						
1st Mort. (guar. by Ala.).....	1,888,000	8	April & Oct.	New York.	1890	....	1st Mortgage, 8,000 per mile.....	3,555,000	6*	Mar. & Sept.	N.Y., Ph. Lon.	1905	85
Belma, Marion and Memphis:							Consolidated Mortgage.....	7,548,000	6*	June & Dec.	"	1906	....
1st Mort. guar. by Ala.....	16,000pm	8	March & Sept.	New York.	1889	....	Income and Land Grant.....	7,339,805	7	July.	N. Y. & Phil.	1915	....
Belma, Rome and Dalton:							Toledo, Can. Southern & Detroit:						
1st Mortgage, tax free.....	3,000,000	7	April & Oct.	New York.	1887	....	1st Mortgage.....	1,500,000	7*	Jan. and July.	.....	1906	50
2d Mortgage.....	4,000,000	7	Jan. & July.	"	1891	....	Toledo, Peoria and Warsaw:						
Equipment Mortgage.....	230,000	10	"	"	1881	....	1st Mortgage (Eastern Div.)....	1,000,000	7	June & Dec.	New York.	1894	96
Shamokin Valley & Pottav. (N.C.):							1st Mortgage (Western Div.).....	1,800,000	7	Feb. and Aug.	"	1896	95
1st Mortgage, on road and lands.	2,000,000	7*	Jan. & July.	Philadelphia.	1901	94	2d Mort. conv. (").....	1,300,000	7	April & Oct.	"	1886	25
Sheboygan and Fond du Lac:							Equipment Mort. sinking fund..	94,000	8				

AMERICAN RAILROAD BOND LIST.

The Letter (a) affixed to Rate of Interest Signifies "Payable in Gold."

Description of Bonds.	Amount.	Rate	Interest Payable.		Due.	Price.		Description of Bonds.	Amount.	Rate	Interest Payable.		Due.	Price.	
			When.	Where.							When.	Where.			
Troy & Bennington (T. & B.):								Western Maryland:							
1st Mortgage sfg fund, guar....	\$ 69,700	7	Jan. & July.	Troy.	1878	....		1st Mortgage, unencumbered.....	400,000	6	Jan. and July.	Baltimore.	1890	100	
Troy and Boston.								1st Mort. endor. by Balt.....	200,000	6	" " "	"	1890	111	
1st Mortgage.....	300,000	7	Jan. & July.	New York.	1887	....		2d Mort. " " " " " " " "	300,000	6	" " "	"	1890	111	
2d Mortgage.....	300,000	7	April & Oct.	"	1885	....		2d Mort. endor. by Wash. Co..	300,000	6	" " "	"	1890	103	
3d Mortgage.....	650,000	7	May and Nov.	"	1875	....		2d Mortgage preferred.....	600,000	6	" " "	"	1895	65	
Convertible Bonds.....	648,000	7	"	"	1882	....		3d Mortgage endor. by Balt.....	875,000	6	" " "	"	1900	110	
Troy, Salem & Rutland (R. & Sar.):								4th Mortgage.....	1,000,000	6	" " "	"	1900	....
1st Mortgage, guaranteed.....	500,000	7	May and Nov.	New York.	1890	....		Western Pacific (Cen. Pac.):							
Troy Union (and Depot):								1st Mort., assumed.....	2,735,000	60	Jan. and July.	New York.	1899	101	
1st Mortgage, guaranteed.....	680,000	6	Jan. & July.	New York.	1878	....		Western Pennsylvania (Penn.):							
Tuckerton:								1st Mortgage.....	800,000	6	Apr. and Oct.	Philadelphia.	1893	81	
1st Mortgage.....	408,000	7	April & Oct.	Philadelphia.	1901	....		1st Mortgage (Pittsb. Branch).	1,000,000	6	Jan. and July.	"	1896	....
Union Pacific:								General Mortgage.....	1,200,000	7	" " "	"	....	....
1st Mortgage gold, tax free.....	27,231,000	60	Jan. & July.	N. Y. & Bost.	'96-'99	105		Western Union (Ch. M. & St. P.):							
1st Mort. Land Grant.....	7,324,000	7	Apr. and Oct.	"	1887	100		1st Mortgage for \$5,000,000.....	3,500,000	7	Jan. and July.	New York.	1896	....
2d Mortgage (Gov. subsidy).....	27,236,512	6	Jan. & July.	U.S. Treasury.	'96-'99	....		West Jersey:							
3d Mortgage Sinking Fund.....	14,045,000	8	March & Sept.	New York.	1894	99		Debenture bonds guar. by C. & A.	400,000	6	March & Sept.	Camden.	1883	80	
Omaha Bridge Bonds Sterling.....	2,225,000	80	Apr. and Oct.	London.	1896	....		1st Mortgage.....	1,000,000	6	Jan. and July.	"	1896	106	
Union Pacific (Central Div.):								1st Mortgage (Salem) guar.....	100,000	6	" " "	Philadelphia.	1878	....
1st Mortgage gold, tax free.....	1,600,000	60	May and Nov.	New York.	1896	....		1st Mort. (Swedesboro) guar.....	200,000	6	June & Dec.	Camden.	....	....
2d Mortgage (Gov. subsidy).....	1,000,000	6	Jan. & July.	U.S. Treasury.	'96-'78	....		2d Mort. (Cape May & Millville)	500,000	7	Apr. and Oct.	"	....	96	
Union Pacific, S. Br. (M. K. & T.):								Consolidated Mortgage.....	1,000,000	7	" " "	"	1899	100	
1st Mortgage gold, sfg fund.....	3,220,000	60	Jan. & July.	New York.	1899	....		West Wisconsin:							
1st Mortgage.....	500,000	7	Jan. & July.	New York.	1890	47		1st Mort. land gr., gold sfg fund	3,900,000	70	Jan. and July.	N. Y. or Lond.	1887	....
United N. J. R. R. & Canal Cos.:								1st Mort. (Southern Extension).	640,000	70	" " "	"	1902	....
Loan of 1901 (United Compan's)	3,000,000	6	March & Sept.	Philadelphia.	1901	103		White Water Valley:							
Sterling Loan \$369,200 (U. Co's)	1,846,000	50	" " "	London.	1894	....		1st Mortgage.....	1,021,840	8	Feb. and Aug.	Cincinnati.	1890	10	
Sterling Loan \$369,000 (")	1,800,000	60	" " "	"	1894	....		Wico Mico and Pocumoke:							
Loan of 1894 Sfg. Fund (")	2,000,000	6	Apr. and Oct.	Philadelphia.	1894	....		1st Mortgage.....	200,000	6	Jan. and July.	New York.	1888	....
Loan of 1888 (United Compan's)	154,000	6	Feb. and Aug.	"	1888	96		Williamston and Tarboro:							
3d State of N. J. (U. Co's)	500,000	7	(Due 90 days after demand.)	"	1888	....		1st Mortgage.....	350,000	8	May and Nov.	New York.	1900	....
Sterling S. F. \$262,000 (C. & Am.)	1,310,000	60	Feb. and Aug.	London.	1880	....		Wilmington, Colum. & Augusta:							
Loan of 1883 (Camden & Amb'y)	1,780,000	6	" " "	Philadelphia.	1883	103		1st Mortgage.....	3,800,000	7	June & Dec.	Baltimore.	1900	20	
Loan of 1880 (")	866,000	6	June & Dec.	Princeton.	1889	102		Wilmington and Reading:							
Mortg. Loan (")	5,000,000	6	May and Nov.	Philadelphia.	1889	110		1st Mortgage.....	1,200,000	7	Apr. and Oct.	Philadelphia.	1900	48	
Loan of '78 (N. J. R. R. & T. Co.)	450,000	6	Feb. and Aug.	New York.	1873	....		2d Mortgage coupon or regis.....	1,700,000	7	Jan. and July.	"	1902	10	
Bond to State of N. J. (do.)	100,000	7	Apr. and Oct.	N. Y. (Over Due.)	....	....		Wilmington and Weldon:							
Utah Central:								Sterling Bonds.....	648,700	60	Jan. and July.	London.	1881	....
1st Mortgage.....	1,000,000	6	Jan. & July.	Salt Lake City	1890	....		Sterling Bonds.....	221,400	70	May and Nov.	"	1886	....
Utah Southern:								Sinking Fund gold, Bonds.....	749,000	70	Jan. and July.	New York.	1896	90	
1st Mortgage.....	660,000	7	Jan. & July.	Salt Lake City	1891	....		Wilmington and Western (Del.):							
Utica and Black River:								1st Mortgage.....	500,000	7.3	J. A. J. & G. Phil. & Wilm.	1892	....	
1st Mortgage.....	200,000	7	Jan. & July.	N. Y. & Utica.	1878	....		Winona & St. Peter (C. & N. W.):							
Bonds of 1871 (2d issue).....	575,000	7	" " "	"	1891	....		1st Mortgage \$20,000 p. m.....	2,750,000	7	Jan. and July.	New York.	1887	101	
Utica, Ithaca and Elmira:								2d Mortgage \$12,000 p. m.....	1,650,000	7	May and Nov.	"	1907	80	
1st Mortgage, Sterling.....	1,500,000	7.3	Jan. & July.	London.	1902	....		Extension mortgage bonds.....	4,375,000	70	June & Dec.	"	1916	....
Vermont Cent. - See Central Vt.								Wisconsin Central:							
Vermont and Massachusetts:								1st M. L. G. gold S. F. \$25,000pm	4,618,000	70	Jan. and July.	Boston.	1901	15	
1st Mortgage sinking fund.....	550,000	6	Jan. and July.	Boston.	1883	104		Worcester (Md.):							
Convertible bonds, tax free.....	200,000	7	" " "	"	1879	104		1st Mortgage.....	210,000	6	Jan. and July.	Baltimore.	1891	....
Convertible bonds.....	150,000	7	" " "	"	1885	108		Worcester and Nashua:							
Vicksburg and Meridian:								Plain Bonds.....	125,000	7	Jan. and July.	Boston.	1881	....
1st series (red).....	717,500	7	Jan. and July.	Philadelphia.	1890	....		Plain Bonds.....	185,300	6	" " "	"	'81-'87	....
General 2d series (blue).....	850,000	7	" " "	"	1890	....		Plain Bonds.....	250,000	7	Apr. and Oct.	"	1893	107	
Mortgage 3d series (black).....	138,000	7	" " "	"	1890	....		Plain Bonds.....	400,000	7	Feb. and Aug.	"	1895	....
4th series (not end.).....	1,141,700	7	Apr. and Oct.	"	1890	....		CANAL BONDS.							
Special Loan 1871.....	213,000	8	Jan. and July.	"	1890	....		Chesapeake and Delaware:							
Vineland:								1st Mortgage sinking fund.....	1,993,750	6	Jan. and July.	Philadelphia.	1886	70	
1st Mortgage tax free.....	750,000	7	Apr. and Oct.	New York.	1890	....		Chesapeake and Ohio:							
Virginia & Tennessee (A. M. & O.):								Sterling Loan guaranteed.....	4,375,000	50	J. A. J. & O.	London.	1890	....
1st Mortgage.....	5,000	6	Jan. and July.	N. Y. & Lynch.	1873	....		Preferred Bonds (next lien)	1,699,500	6	Jan. and July.	Baltimore.	1885	70	
3d Mortgage.....	990,000	6	" " "	"	1884	90		Delaware Division (L. C. & N.):							
5th Mortgage.....	999,000	8	March & Sept.	"	1900	102		1st Mortgage, guaranteed.....	800,000	6	Jan. & July.	Philadelphia.	1893	93	
Registered Certificates.....	94,191	8	Jan. and July.	"	1875	....		Delaware and Hudson:							
Funded Interest.....	226,900	8	" " "	"	1880	....		1st Mort. (2d series, July 1, 1889	3,500,000	7	Jan. and July.	New York.	1884	101	
Wallkill Valley (Erie):								reg. (3d series, Jan. 1, 1871	6,000,000	7	" " "	"	1891	101	
1st Mortgage gold, tax free.....	810,500	70	Apr. and Oct.	New York.	1901	....		Coupon bonds of 1874.....	3,000,000	7	Apr. and Oct.	"	1894	101	
Warren (D. L. & W.):								Registered bonds of 1874.....	2,000,000	7	" " "	"	1894	....
1st Mortgage, guaranteed.....	511,400	7	Feb. and Aug.	New York.	1875	....		Lehigh Coal and Navigation:							
2d Mortgage, guaranteed.....	750,000	7	May and Nov.	"	1900	106		Loan of 1877, Debentures.....	762,779	6	June & Dec.	Philadelphia.	1877	....
Warren & Franklin (P. T. & B.):								Convertible Debentures.....	41,550	6	" " "	"	1882	....
1st Mortgage, assumed.....	1,500,000	7	Feb. and Aug.	Philadelphia.	1882	78		Convertible Loan, gold.....	771,000	60	March & Sept.	"	1894	92	
Warwick Valley (Erie):								1st Mortgage, registered.....	6,381,933	6	J. A. J. & O.	"	1884	106	
1st Mortgage.....	60,000	7	Apr. and Oct.	New York.	1880	....		1st Mortgage, reg. (R. R.).....	2,000,000	6	F. M. A. & N.	"	1897	105	
Wasatch and Jordan Valley:								Mortgage (equip.) Loan, gold.....	4,668,500	60	June & Dec.	"	1897	94	
1st Mortgage.....	150,000	90	May and Nov.	New York.	1893	....		Consolidated Mortgage.....	1,115,000	7	" " "	"	1911	70	
Washington City, Va. Mid. & Gt. St.:								Greenwood Mortgage Loan.....	717,000	7	Feb. and Aug.	"	1892	....
1st Mort. (O., Alex. & Manassas)	1,650,000	7	Jan. and July.	Baltimore.	1882	50		Greenwood Mortgage Loan.....	140,000	6	Apr. and Oct.	"	1877	....
2d Mort. (")	350,000	7	" " "	"	1891	....		Monongahela Navigation:							
1st Mort. Orange & Alexandria	400,000	6	May and Nov.	"	1873	85		1st Mortgage.....	108,000	6	Jan. and July.	New York.	1887	....
2d Mort. (")															

RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

Rolling Stock—signifies that the cost thereof is included, in that headed "Railroad." A dash (—) across the column signifies "nil," and running dots (....) signify "not ascertained." Land Grant Railroads are printed in "Italics." State-aid Railroads are distinguished by a "s."

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RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

Discreet ("") occurring in the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Railroad." A dash (—) across the column signifies "nil," and running dots (....) signify "not ascertained."

Abstract of General Balance Sheet.									
Property and Assets.			Liabilities.			Operations.		Earnings.	
Railroad.			Stocks.			Railroad Operated.		Gross.	
Rolling Stock.			Bonds.			Trains Moved.		Net.	
Assets.			Accounts.			Passenger.		Dividend.	
Accounts and Cash.			Surplus Income.			Freight.		Value of Shares.	
Par.			P. & C.			Market.		Value of Shares.	
Main Line.			Branch Line.			2d Track and Sidings.		Rolling Stock.	
Engines.			Pass.			Freight.			
R. M. E.			Cars.			Freight.			
Railroad in progress.			M.			M.			
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[illegible]

RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

occurring in the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Railroad." A dash (—) across the column signifies "nil," and running data (----) signify "not ascertainable."

Land Grant Railroads are printed in "Zalica." State-aid Railroads are distinguished by a "1."

[illegible]

Dec. 31, 1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	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An Iron Tie for Railroads.

A new railroad tie has been invented by Mr. W. G. Curtis, of Montgomery county, Penn. It is made of boiler iron, something of the shape of the letter U inverted, a bolt running to strengthen it. Of late years, in consequence of the scarcity of wood, the cost of wooden ties has greatly increased, while their average duration of usefulness is not above five years. The iron tie, Mr. Curtis contends, can remain in use for half a century—certainly for twenty years—and its adoption would reduce the cost of maintenance of every one of the chief of railroad expenses about one third. In England, where the necessary kind of wood is at a premium, the ties are a combination of stone and rubber, and it is therefore thought that this invention will be adopted by the English railroad officials.

Statement of the Public Debt of the United States, September 1, 1878.

DEBT BEARING COIN INTEREST.

	Amount Outstanding.	Accrued Interest.
5 per cent. bonds, 1855.....	\$200,000 00	\$2,166 67
6 per cent. 1881 bonds, 1861..	18,415,000 00	184,150 00
6 per cent. bonds, 1881 (Oregon), 1861.....	945,000 00	9,450 00
6 per cent. 1881 bonds, 1861..	189,321,350 00	1,893,213 50
6 per cent. 1881 bonds, 1863..	75,000,000 00	750,000 00
6 per cent. 10-40 bonds, 1864..	194,566,300 00	4,864,157 50
6 per cent. consols, 1865.....	91,793,100 00	917,931 00
6 per cent. consols, 1867.....	310,614,100 00	3,106,141 00
6 per cent. consols, 1868.....	37,446,300 00	374,463 00
6 per cent. funded loan of 1881	608,440,350 00	2,118,501 46
4 per cent. funded loan of 1891	250,000,000 00	2,512,500 00
4 per cent. funded loan of 1907.	141,850,000 00	945,666 66

Aggregate of debt bearing coin interest.....	\$1,818,670,500 00	\$17,978,530 79
Interest due and unpaid.....		9,456,987 84

DEBT BEARING INTEREST IN LAWFUL MONEY.

3 per cent. navy pension fund, 1868.....	\$14,000,000 00	\$70,000 00
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DEBT ON WHICH INTEREST HAS CEASED SINCE MATURITY.

	Amount Outstanding.	Interest due and unpaid.
4 to 6 per cent. old debt, 1837	\$67,665 00	\$64,174 81
5 per cent. Mexican indemnity stock, 1846.....	1,104 91	85 74
6 per cent. bonds, 1847.....	1,250 00	22 00
6 per cent. bounty land scrip, 1847.....	3,300 00	213 39
5 per cent. Texas indemnity bonds, 1850.....	21,000 00	3,045 00
6 per cent. bonds, of 1858.....	8,000 00	.....
6 per cent. bonds, 1860.....	10,000 00	600 00
6 per cent. 5-20 bonds, called 1862.....	429,200 00	489 07
6 per cent. 5-20 bonds, called June, 1864.....	92,300 00	702 38
6 per cent. 5-20 bonds, called 1865.....	290,400 00	67,823 73
1-10 to 6 per cent. treasury notes, prior to 1846.....	10,417,550 00	167,944 08
1-10 to 6 per cent. treasury notes, 1846.....	6,000 00	208 00
6 per cent. treasury notes, 1847.....	950 00	57 00
3 to 6 per cent. treasury notes, 1857.....	1,800 00	102 00
6 per cent. treasury notes, 1861.....	3,000 00	364 50
7 3-10 per cent. 3 years' treasury notes, 1861.....	16,700 00	1,141 30
6 per cent. 1 year notes, 1863.....	51,145 00	2,549 35
6 per cent. 2 year notes, 1863.....	38,550 00	2,115 65
6 per cent. compound interest notes, 1863-64.....	272,150 00	55,018 29
7 3-10 per cent. 3 years' treasury notes, 1864-65.....	156,000 00	7,415 43
6 per cent. certificates of indebtedness, 1862-63.....	5,000 00	313 48
4 to 6 per cent. temporary loan, 1864.....	3,060 00	256 06
3 per cent. certificates called.....	5,000 00	394 31

Aggregate of debt on which interest has ceased since maturity.....	\$11,978,650 26	\$377,721 59
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DEBT BEARING NO INTEREST.

Demand notes, 1861-62.....	\$62,240 00
Legal tender notes, 1862-63.....	246,681,016 00
Certificates of deposit.....	49,460,000 00
Fractional currency, 1862-3-4	18,351,728 10
Coin certificates, 1863.....	38,016,400 00
Silver certificates.....	6,001,450 00
Unclaimed interest.....	8,677 08

Aggregate of debt bearing no interest.....	\$456,572,834 19	\$8,677 08
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RECAPITULATION.

	Amount Outstanding.	Interest.
Debt bearing interest in coin, viz:		
Bonds at 6 per cent.....	\$723,553,850 00	
Bonds at 5 per cent.....	703,266,650 00	
Bonds at 4 1/2 per cent.....	250,000,000 00	
Bonds at 4 per cent.....	141,850,000 00	
	\$1,818,670,500 00	\$27,434,518 63
Debt bearing interest in lawful money, viz:		
Navy pension fund, 3 per cent.	14,000,000 00	70,000 00
Debt on which interest has ceased since maturity.....	11,978,650 26	377,721 59
Debt bearing no interest, viz:		
Old Demand and legal tender notes.....	\$346,743,256 00	
Certificates of deposit.....	49,460,000 00	
Fractional currency.....	18,351,728 10	
Coin and Silver Certificates.....	44,017,850 00	
	\$456,572,834 19	
Unclaimed interest.....		8,677 08

Total debt, principal and interest, to date, including interest due and unpaid.....	\$2,301,216,984 36	\$27,890,917 25
	\$2,320,107,901 61	

AMOUNT IN TREASURY.

Coin.....	\$238,420,709 57
Currency.....	2,122,171 97
Currency held for redemption of fractional currency.....	10,000,000 00
Special deposit held for redemption of certificates of deposit as provided by law.....	49,460,000 00
	\$300,002,881 54
Debt, less amount in Treasury, Sept. 1, 1878.....	\$2,029,105,022 07
Debt, less amount in Treasury, on the 1st ult.....	2,035,580,524 85

Decrease of debt during the past month.....	\$6,475,504 78
Decrease of debt since June 30, 1878.....	6,681,811 75

BONDS ISSUED TO THE PACIFIC RAILROAD COMPANIES, INTEREST PAYABLE IN LAWFUL MONEY.

	Amount Outstanding.	Accrued Interest not paid.
Central Pacific bonds, 1862-64	\$25,885,120 00	\$258,851 20
Kansas Pacific bonds, 1862-64	6,308,000 00	63,080 00
Union Pacific bonds, 1862-64.	27,236,512 00	272,365 12
Central Branch Union Pacific bonds, 1862-64.....	1,600,000 00	16,000 00
Western Pacific bonds, 1862-4	1,970,560 00	19,705 60
Sioux City and Pacific bonds, 1862-64.....	1,623,320 00	16,233 20
Totals.....	\$64,623,512 00	\$646,235 12

Interest paid by United States, \$36,835,039 84; interest repaid by transportation of mails, &c., \$10,241,749 60; balance of interest paid by United States, \$29,593,290 88

The foregoing is a correct statement of the public debt, as appears from the books and Treasurer's returns in the Department at the close of business, August 31, 1878.

JOHN SHERMAN,
Secretary of the Treasury.

It is stated that the Pittsburgh, New Castle and Lake Erie Railroad Company will assume the construction of a narrow gauge road to the Butler county oil fields. This will be accomplished by a twelve mile branch from the main line at Harmony to Butler. Machine shops at Butler are spoken of.

The United States Railway Mail Service Mutual Benefit Association, of which C. E. Moore of Springfield, Mass., is President, closed its session at Washington on the 5th inst., and adjourned to meet at Cleveland, Ohio, on the 4th Tuesday of September, 1879. The total membership is about 1250.

The gross earnings of the Chicago, Milwaukee and St. Paul Railway for the eight months ending August 31, 1878, were \$5,428,000, against \$4,190,812 for the corresponding period of 1877, an increase of \$1,237,188.

In Scotland railway engineers and passengers and freight train hands are paid from \$8 50 to \$10 per week of 60 hours; stokers from \$5 25 to \$6 25, and porters from \$4 to \$4 50.

The Richmond and Danville Railroad Company have purchased a controlling interest in the Charlotte, Columbia and Augusta Railroad.

Philadelphia Stock Exchange.

Closing Prices for the week ending Sept. 10.

	W. 4.	Th. 5.	F. 6.	Sat. 7.	M. 9.	Tu. 10.
Allegheny Val. 7 3-10s.....	109	109	109	109	109	109
7s, Income.....	109	109	109	109	109	109
Camden & Am. 6s, 1885.....	109	109	109	109	109	109
6s, 1889.....	109	109	109	109	109	109
Mort. 6s, 1889.....	109	109	109	109	109	109
Camden and Atlantic.....	109	109	109	109	109	109
Preferred.....	109	109	109	109	109	109
1st mortgage.....	109	109	109	109	109	109
2d mortgage.....	109	109	109	109	109	109
Catawissa.....	109	109	109	109	109	109
Preferred.....	109	109	109	109	109	109
New preferred.....	109	109	109	109	109	109
7s, new.....	109	109	109	109	109	109
Del. & Bound Brook.....	109	109	109	109	109	109
7s.....	109	109	109	109	109	109
Elmira & Williamsport.....	109	109	109	109	109	109
Preferred.....	109	109	109	109	109	109
7s.....	109	109	109	109	109	109
Hunt. & B. Top Mt.....	109	109	109	109	109	109
Preferred.....	109	109	109	109	109	109
2d mortgage.....	109	109	109	109	109	109
Lehigh Navigation.....	18 1/2	18 1/2	18 1/2	18 1/2	18 1/2	18 1/2
6s, 1884.....	105	105	105	105	105	105
Gold Loan.....	95	95	95	95	95	95
Railroad Loan.....	95	95	95	95	95	95
Conv. Gold Loan.....	95	95	95	95	95	95
Lehigh Valley.....	38 1/2	38 1/2	38 1/2	38 1/2	38 1/2	38 1/2
6s, new, coupon.....	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2
6s, new, registered.....	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2
7s.....	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2
Consol. mort. 6s.....	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2
Little Schuylkill.....	43 1/2	43 1/2	43 1/2	43 1/2	43 1/2	43 1/2
Minchill & Sch. Haven.....	49 1/2	49 1/2	49 1/2	49 1/2	49 1/2	49 1/2
North Pennsylvania.....	108	108	108	108	108	108
1st mortgage 6s.....	106 1/2	106 1/2	106 1/2	106 1/2	106 1/2	106 1/2
2d mortgage 7s.....	106 1/2	106 1/2	106 1/2	106 1/2	106 1/2	106 1/2
Gen'l mort. 7s, coup.....	106 1/2	106 1/2	106 1/2	106 1/2	106 1/2	106 1/2
Gen'l Mort. 7s, reg.....	106 1/2	106 1/2	106 1/2	106 1/2	106 1/2	106 1/2
Northern Central.....	14 1/2	14 1/2	14 1/2	14 1/2	14 1/2	14 1/2
Pennsylvania R. R.....	32 1/2	32 1/2	32 1/2	32 1/2	32 1/2	32 1/2
1st mortgage.....	86 1/2	86 1/2	86 1/2	86 1/2	86 1/2	86 1/2
Gen'l mortgage.....	96	96	96	96	96	96
Consol. mort. 6s.....	96	96	96	96	96	96
Penn. & N.Y. Canal 7s.....	104	104	104	104	104	104
Penn. State 6s, 2d series.....	104	104	104	104	104	104
do, 3d series.....	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2
do, 5s, new.....	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2
Philadelphia City, 6s.....	107 1/2	107 1/2	107 1/2	107 1/2	107 1/2	107 1/2
6s, new.....	115 1/2	115 1/2	115 1/2	115 1/2	115 1/2	115 1/2
Phila. and Reading.....	16 1/2	16 1/2	16 1/2	16 1/2	16 1/2	16 1/2
Debenture bonds.....	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
7s, of 1893.....	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
7s, new convertible.....	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
Gen'l mortgage 7s.....	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
Gen'l mortgage, reg.....	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2	102 1/2
Philadelphia and Erie.....	100 1/2	100 1/2	100 1/2	100 1/2	100 1/2	100 1/2
1st mortgage, 6s.....	100 1/2	100 1/2	100 1/2	100 1/2	100 1/2	100 1/2
2d mortgage, 7s.....	100 1/2	100 1/2	100 1/2	100 1/2	100 1/2	100 1/2
Pittsb., Cin. & St. L. 7s.....	86 1/2	86 1/2	86 1/2	86 1/2	86 1/2	86 1/2
Pittsb., Titusv. & Buff. 4 1/2.....	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
7s.....	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2
Schuylkill Navigation.....	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
Preferred.....	90 1/2	90 1/2	90 1/2	90 1/2	90 1/2	90 1/2
6s, 1872.....	128 1/2	128 1/2	128 1/2	128 1/2	128 1/2	128 1/2
6s, 1882.....	128 1/2	128 1/2	128 1/2	128 1/2	128 1/2	128 1/2
6s, 1895.....	128 1/2	128 1/2	128 1/2	128 1/2	128 1/2	128 1/2
United Co. of N. Jersey.....	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
Hestonville, (Horse).....	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
Chestnut & Wal. (do).....	62	62	62	62	62	62
Germantown (do).....	62	62	62	62	62	62
Green and Coates (do).....	62	62	62	62	62	62
Lombard & 8th (do).....	62	62	62	62	62	62
2d and 3d streets (do).....	62	62	62	62	62	62
Spruce and Pine (do).....	62	62	62	62	62	62
13th and 15th sts (do).....	62	62	62	62	62	62

Baltimore Stock Exchange.

Closing Prices for the week ending Sept. 10.

	W. 4.	Th. 5.	F. 6.	Sat. 7.	M. 9.	Tu. 10.
Baltimore and Ohio	91½	91½	.....	91	91½	.....
6s, 1880.....
6s, 1885.....
Central Ohio
1st mortgage.....	99½x	.....	99½	.....	.....
Marietta & Cincinnati.....
1st mortgage, 7s.....	82½	82½	82½	82	.....	.....
2d mortgage, 7s.....
3d mortgage, 8s.....	13½	13½	.....
Northern Central
2d mortgage, 6s 1885.....
3d mortgage, 6s, 1900.....
6s, 1900, Gold.....
Orange and Alex. 1st.....
2d mortgage, 6s.....
3d mortgage, 8s.....
4th mortgage, 8s.....
O. Alex. & Manassas.....	40½
Pittab. & Connellsv. 7s.....	94½	95	.....	.....
Virginia 6s, Consol. 54½	64½	55	55	64½	.....
Consol. Coupons.....	78½	78½	.....	78½	.....
Deferred Certificates.....
Western Maryland.....
1st M., end. by Balt.....
2d M., do.....
3d M., do.....
1st M., unenclosed.....	100	.....	.....	.....
2d M., end. Wash. Co.....
3d Mort., preferred.....
City Passenger R. R.....

New York Stock Exchange.

Closing Prices for the week ending Sept. 11.

	Th.5.	F.6.	Sat.7.	M.9.	Tu.10.	W.11.
Adams Express.....	106	106	105	105	105	105
Albany and Susq.....	106	106	105	105	105	105
1st mortgage.....	106	106	105	105	105	105
2d mortgage.....	106	106	105	105	105	105
American Express.....	49	49	49	49	49	49
Am. Dock and Imp. 7s.....	29	29	29	29	29	29
Atlantic & Pacific Tel. 27	29	29	29	29	29	29
Burl. C. R. & Nor.....	29	29	29	29	29	29
1st mortgage 6s.....	69	69	69	69	69	69
Canada So. 1st guar.....	74	74	75	74	74	74
Central of N. Jersey 24	34	34	34	34	34	34
1st mortgage 1890.....	114	114	114	114	114	114
7s, consolidated.....	82	82	82	82	82	82
7s, convertible.....	82	82	82	82	82	82
Central Pacific 6s, gold 106	105	105	106	105	105	105
1st M. (San Joaquin). 93	92	92	92	92	92	92
1st M. (Cal. and Or.). 91	92	92	92	92	92	92
Land grant 6s.....	91	91	91	91	91	91
Chicago and Alton.....	83	83	83	83	83	83
Preferred.....	101	101	101	101	101	101
1st mortgage.....	101	101	101	101	101	101
Sinking Fund.....	101	101	101	101	101	101
Chic. Burl. & Quincy 110	111	111	110	110	110	110
7s Consol, 1903.....	113	113	113	113	113	113
8s, 1893.....	111	111	111	111	111	111
Chic. & Milwaukee 1st.....	28	28	28	28	28	28
Chic. Mil. and St. Paul 28	28	28	28	28	28	28
Preferred.....	66	66	67	67	67	67
1st mortgage, 8s.....	117	117	117	117	117	117
2d mortgage, 7 3-10s.....	113	113	113	113	113	113
7s, gold.....	101	101	101	101	101	101
1st M. (La Crosse div.).....	105	105	105	105	105	105
1st M. (I. and M. div.).....	99	99	99	99	99	99
1st M. (I. and D. div.).....	103	103	103	103	103	103
1st M. (H. & D. div.).....	103	103	103	103	103	103
1st M. (C. & M. div.) 102	103	103	103	103	103	103
Consolidated S. F. 94	98	98	98	98	98	98
Chic. & Northwestern 25	34	34	35	35	35	35
Preferred.....	65	65	65	65	65	65
1st mortgage.....	107	107	107	107	107	107
Sinking Fund.....	107	107	107	107	107	107
Consolidated 7s.....	110	110	110	110	110	110
Consol. Gold bonds. 99	99	99	99	99	99	99
Do. reg.....	99	99	99	99	99	99
Chic. Rock Isl. & Pac. 117	117	117	117	117	117	117
7s, 1896.....	108	108	108	108	108	108
6s, S. F.....	108	108	108	108	108	108
6s, 1917.....	108	108	108	108	108	108
Clev. Col. C. and Ind. 32	32	32	32	32	32	32
1st mortgage.....	107	107	107	107	107	107
Clev. & Pittsburg guar.....	81	81	81	81	81	81
7s, Consolidated.....	107	107	107	107	107	107
4th mortgage.....	107	107	107	107	107	107
Clev. P. and Ash. 7s.....	103	103	103	103	103	103
7s, new.....	111	111	111	111	111	111
Col. Chl. & Ind. Cent.....	3	3	3	3	3	3
1st mortgage.....	46	46	46	46	46	46
2d mortgage.....	46	46	46	46	46	46
Del. & Hudson Canal. 49	48	48	48	48	48	48
Reg. 7s, 1891.....	101	101	101	101	101	101
Reg. 7s, 1884.....	101	101	101	101	101	101
7s, 1894.....	52	52	52	52	52	52
Del. Lack. & Western 52	52	52	52	52	52	52
2d mortgage 7s.....	103	103	103	103	103	103
7s, Convertible.....	103	103	103	103	103	103
7s, Consol. 1907.....	103	103	103	103	103	103
Dt. of Columbia 3-6s.....	79	79	79	79	79	79
Erie Railway.....	14	13	13	13	13	13
Preferred.....	103	103	103	103	103	103
1st mortgage.....	103	103	103	103	103	103
2d mortgage.....	103	103	103	103	103	103
3d mortgage.....	103	103	103	103	103	103
4th mortgage.....	103	103	103	103	103	103
5th mortgage.....	103	103	103	103	103	103
Great Western 1st mori.....	103	103	103	103	103	103
2d mortgage.....	103	103	103	103	103	103
Hannibal & St. Joseph 15	15	15	15	15	15	15
Preferred.....	38	38	38	38	38	38
8s, Convertible.....	98	98	98	98	98	98
Hudson River 2d mort.....	79	79	79	79	79	79
Illinois Central.....	79	79	79	79	79	79
Kansas Pacific.....	67	67	67	67	67	67
Lake Shore & Mich. So. 67	67	67	67	67	67	67
Consol. 7s.....	112	112	112	112	112	112
Consol. 7s, reg.....	103	103	103	103	103	103
2d Consolidated.....	103	103	103	103	103	103
Lake Shore Div. bonds.....	103	103	103	103	103	103
Leh. & W. B. 7s, Con.....	107	107	107	107	107	107
Long Dock bonds.....	107	107	107	107	107	107
L'ville & Nash. 7s Cons.....	71	71	71	71	71	71
Michigan Central.....	71	71	71	71	71	71
7s, 1902.....	111	111	111	111	111	111
8s, 1882, S. F.....	110	110	110	110	110	110
M. S. and N. I. 1st, S. F.....	82	82	82	82	82	82
Morris and Essex.....	82	82	82	82	82	82
1st mortgage.....	104	104	104	104	104	104
2d mortgage.....	104	104	104	104	104	104
7s of 1871.....	114	114	114	114	114	114
7s, Convertible.....	114	114	114	114	114	114
7s, Consolidated.....	114	114	114	114	114	114
N. Y. Cent. & Hud. Riv 114	114	114	114	114	114	114
7s, Sinking fund, 1876.....	106	106	106	106	106	106
6s, Sinking fund, 1883.....	118	118	118	118	118	118
6s, Sinking fund, 1887.....	118	118	118	118	118	118
1st mortgage.....	118	118	118	118	118	118
1st mortgage reg.....	118	118	118	118	118	118
N. Y. Elevated 1st M.....	85	85	85	85	85	85
N. York and Harlem 138	138	138	138	138	138	138
Preferred.....	138	138	138	138	138	138
1st mortgage.....	138	138	138	138	138	138
1st mortgage, reg.....	138	138	138	138	138	138

New York Stock Exchange.

Closing Prices for the week ending Sept. 11.

	Th.5.	F.6.	Sat.7.	M.9.	Tu.10.	W.11.
New Jersey.....	158	158	158	158	158	158
N. Y. N. Haven & Hart 159	158	158	158	158	158	158
North Missouri 1st M.....	103	103	103	103	103	103
Ohio and Mississipp.....	7	7	7	7	7	7
Preferred.....	65	65	65	65	65	65
2d mortgage.....	65	65	65	65	65	65
Consolidated 7s.....	99	99	99	99	99	99
Consol. Sinking fund.....	99	99	99	99	99	99
Ontario Silver.....	40	40	40	40	40	40
Pacific Mail S. S. Co. 18	18	18	18	18	18	18
Pacific R. R. of Mo.....	102	102	102	102	102	102
1st mortgage.....	99	99	99	99	99	99
2d mortgage.....	99	99	99	99	99	99
Panama.....	93	93	93	93	93	93
Pitts., Ft. W. & Chi. 93	93	93	93	93	93	93
1st mortgage.....	114	114	114	114	114	114
2d mortgage.....	114	114	114	114	114	114
Pullman Palace Car.....	114	114	114	114	114	114
Quicksilver Mining Co.....	114	114	114	114	114	114
Preferred.....	114	114	114	114	114	114
St. L., Alton and T. H.....	104	104	104	104	104	104
Preferred.....	104	104	104	104	104	104
1st mortgage.....	104	104	104	104	104	104
2d mort. preferred.....	104	104	104	104	104	104
Income bonds.....	104	104	104	104	104	104
St. L., Iron Mt. & S'bn.....	104	104	104	104	104	104
1st mortgage.....	104	104	104	104	104	104
2d mortgage.....	104	104	104	104	104	104
St. L., Jack. & Chi. 1st.....	21	21	21	21	21	21
St. L., Kan. City & N.....	21	21	21	21	21	21
Preferred.....	21	21	21	21	21	21
Tol. P. & W. 1st R. D.....	96	96	96	96	96	96
1st mort., West. Div.....	96	96	96	96	96	96
Union Pacific.....	64	64	64	64	64	64
1st mortgage.....	106	106	106	106	106	106
Land Grant 7s.....	106	106	106	106	106	106
Sinking Fund 8s.....	106	106	106	106	106	106
United States Express 49	50	50	50	50	50	50
Wabash.....	15	15	15	15	15	15
1st mortgage.....	101	101	101	101	101	101
2d mortgage.....	101	101	101	101	101	101
7s, Consolidated.....	75	75	75	75	75	75
St. Louis Division.....	75	75	75	75	75	75
Wells-Fargo Express.....	91	91	91	91	91	91
Western Pacific bonds.....	94	94	94	94	94	94
Western Union Tel.....	94	94	94	94	94	94
7s, S. F. conv., 1900.....	81	81	81	81	81	81

Boston Stock Exchange.

Closing Prices for the week ending Sept. 11.

	Th. 5.	F. 6.	Sat. 7.	M. 9.	Tu. 10.	W. 11.
Atch., Top. and San. Fe. 62	62	63	65	66	69	69
1st mortgage.....	104	107	107	107	107	107
2d mortgage.....	95	95	97	97	98	98
Land Grant 7s.....	105	105	106	106	106	106
Income 8s.....	120	120	120	120	120	120
Boston and Albany.....	120	120	120	120	120	120
7s, reg.....	73	73	73	73	73	73
6s, 1895.....	73	73	73	73	73	73
Boston and Lowell.....	73	73	73	73	73	73
7s.....	108	108	108	108	108	108
Boston and Maine.....	107	107	107	107	107	107
Boston and Providence.....	26	26	26	26	26	26
Boston, Hart. & Erie 7s 26	26	26	26	26	26	26
Boston Water Power.....	24	24	24	24	24	24
Burl. & Mo. R. L. G. 7s.....	104	104	104	104	104	104
Burl. & Mo. R. in Neb. 103	104	104	104	104	104	104
8s, old.....	104	104	104	104	104	104
8s, new.....	104	104	104	104	104	104
Chl., Burl. and Quincy 110	110	111	111	111	110	110
7s.....	112	112	112	112	112	112
6s, new.....	4	5	5	5	5	5
Cin., Sand. and Clev.....	4	5	5	5	5	5
Concord (\$50).....	103	103	103	103	103	103
Connecticut River.....	15	14	15	15	15	15
Eastern.....	15	14	15	15	15	15
Scip.....	72	72	72	72	72	72
New 34 Bonds.....	72	72	72	72	72	72
Fitchburg.....	67	67	67	67	67	67
Kan. C., Top. & West. 66	67	67	67	67	67	67
1st mortgage.....	106	106	106	106	106	106
Michigan Central.....	71	71	71	71	71	71
Nashua and Lowell.....	107	107	107	107	107	107
Northern, N. H.....	91	91	91	91	91	91
Norwich & Worcester.....	92	92	92	92	92	92
Ogden & Lake Cham 25	25	25	25	25	25	25
Preferred.....	86	86	86	86	86	86
Old Colony.....	103	103	103	103	103	103
7s.....	103	103	103	103	103	103
Ph., Wil. & Balt. (\$50).....	64	64	64	64	64	64
Portl'd, Saco & Ports. 85	85	85	85	85	85	85
Pueblo & Ariz. Val.....	42	42	42	42	42	42
7s.....	101	101	101	101	101	101
Pullman Palace Car.....	78	78	78	78	78	78
Union Pacific.....	64	64	64	64	64	64
6s.....	105	105	105	105	105	105
Land Grant 7s.....	103	103	103	103	103	103
Sinking Fund 8s.....	99	99	99	99	99	99
Vermont and Canada.....	175	175	175	175	175	175
Vermont and Mass.....	175	175	175	175	175	175
Worcester and Nashua.....	175	175	175	175	175	175
Cambridge (Horse).....	80	80	80	80	80	80
Metropolitan (").....	80	80	80	80	80	80
Middlesex (").....	80	80	80	80	80	80
Central Mining Co.....	175	175	175	175	175	175
Calumet and Hecla.....	175	175	175	175	175	175
Copper Falls.....	175	175	175	175	175	175
Franklin.....	175	175	175	175	175	175
Quincy.....	175	175	175	175	175	175

gratifying in the future if some of those incipient financiers before alluded to do not interrupt it. The future promises better than the past. Out of approaching prosperity comes danger however.

The stock market since our last has not shown any increased activity. The sales on the Stock Exchange were on Saturday, 61,400 shares; Monday, 78,250; Tuesday, 115,000, and Wednesday, 180,000.

The Saratoga conferences were thought to have ended competition, or rather cutting, by the trunk lines. Within a day or two past the street has been busy with rumors concerning the western connections, in which it is charged that rates have been cut west of Buffalo. Whether this is intended to operate in favor of a bear movement, or whether there is really a rupture of the recently formed compact between the trunk lines was not made public up to the close on Wednesday.

The Money market has shown a disposition towards activity, although rates are not quotably higher. There is now a good demand for money from the West to move the crops, and this demand will no doubt increase as the season advances. The alarming prevalence of Yellow fever in the South delays business with that section seriously. The receipts of Cotton are fair compared with last year; but the receipts would be largely in excess if there was no drawback. The requirements of the Cotton States for money to move the crop have been light thus far.

Discounts are readily made for all legitimate purposes at 4@5 per cent for prime commercial paper. Call loans are made at $1\frac{1}{2}$ @2 per cent. Gold has ranged downward at $100\frac{1}{4}$ @ $3-16\frac{1}{2}$; from which the market may be named dull at $100\frac{1}{4}$. It is due to Secretary Sherman in reporting the decline in gold to say that his circular to United States Sub-Treasurers directing them to pay out silver or exchange it for legal tenders from and after the 16th instant is the sole cause. It is possible that greenbacks may now reach par for a time prior to the legal date for redemption, January 1, 1879. London advices show a gain in specie by the Bank of England amounting to £462,000 for five days. On the other hand the Bank of Germany lost in the week 7,600,000 marks specie.

The decline in gold caused a sale of \$1,000,000, five of 1881, to be made Tuesday for foreign account. Government securities were generally lower at the close. We now quote:

United States 6s, 1881, registered, $107\frac{3}{4}$ @ 108 ; do. coupon, $107\frac{3}{4}$ @ 108 ; 5-20s, 1865, new, registered, $102\frac{1}{2}$ @ $102\frac{3}{4}$; do. coupon, $102\frac{1}{2}$ @ $102\frac{3}{4}$; do. 1867, registered, $105\frac{1}{8}$ @ $105\frac{1}{4}$; do. coupon, $105\frac{1}{8}$ @ $105\frac{1}{4}$; do. 1868, registered, 107 @ $107\frac{1}{2}$; do. coupon, 107 @ 108 ; ten-forties, registered, $106\frac{1}{2}$ @ $106\frac{1}{4}$; do. coupon, $106\frac{1}{2}$ @ $106\frac{1}{4}$; 5 per cents, 1881, registered, $105\frac{3}{8}$ @ $106\frac{1}{8}$; do. coupon, $105\frac{3}{8}$ @ 106 ; $4\frac{1}{2}$ per cents, 1891, registered, $103\frac{3}{8}$ @ $103\frac{3}{8}$; do. coupon, $103\frac{3}{8}$ @ $103\frac{3}{8}$; 4 per cents, 1907, reg., ex-interest, $99\frac{1}{2}$ @ $99\frac{3}{4}$; do. coupon, $100\frac{3}{8}$ @ $100\frac{3}{8}$; sixes, currency, $119\frac{3}{4}$ @ 120 .

From Boston Money continues in good supply with an increasing demand. Rates of discount are $3\frac{1}{2}$ @ $4\frac{1}{2}$ per cent, with an evident desire on the part of the banks to obtain higher rates. Satisfactory paper is scarce. Call loans to Bankers

are $3\frac{1}{4}$ per cent. Business is as a rule encouraging and certainly more satisfactory than this time last year.

Philadelphia advices indicate an easy money market. Rates are a trifle higher for discounts than at our last report. Loans on good collaterals are made at 4@5 per cent. Sterling Exchange is quoted dull at $4\frac{1}{4}$ @ $4\frac{1}{2}$ for long, and $4\frac{1}{2}$ @ $4\frac{1}{4}$ for sight bills. Pennsylvania Railroad shares were quoted at $82\frac{3}{4}$ @ $82\frac{3}{8}$. Reading, at $16\frac{3}{8}$ @ $16\frac{3}{4}$.

Baltimore Money market is without change worthy of note. The demand for money continues moderate only and banks cannot use surplus funds with profit. The volume of business is quite fair however for the season; the prospects now indicating a better fall trade than any season since 1874. Sales were made of Baltimore and Ohio common stock at $91\frac{1}{4}$ @ 92 , and none offering at the close. This is a decided advance since our last report. Northern Central, $14\frac{1}{4}$ @ $14\frac{1}{2}$.

Foreign exchange has declined since our last to $4\frac{1}{2}$ for 60 day bills, and $4\frac{1}{2}$ @ $4\frac{1}{4}$ for demand. Actual business, however, was at lower figures. Sales were made of prime 60 day bills as low as $4\frac{1}{4}$. The rate for commercial bills was $4\frac{1}{4}$ @ $4\frac{1}{2}$. From the large supply of the last named bills on the market, and the certainty that Sterling must go down if free exportation continues, we may soon expect to see importations of gold to pay balances. Gold is scarce abroad, and the Bank of England will not part with any considerable sum for American account without a struggle. At least a hundred millions of United States bonds have been sent back rather than part with the gold. The point is now reached when England must either stop buying breadstuffs from us or ship gold to settle balances.

Domestic Produce has been in large supply, and the exportation continues with slight change. Receipts at New York for the week have been in bushels, 4,282,718. Total bushels since Jan. 1, 17,080,089. Exports from New York, (exclusive of specie) for the week have been \$8,087,836. Total exports since January 1, \$239,036,764.

Cotton has been in light demand for early delivery at about previous quotations. Middling uplands $11\frac{1}{8}$. We now quote futures: For September delivery, 11.29 @ 11.30 ; October, 11.03 @ 11.04 ; November, 10.89 @ 10.90 ; December, 10.84 .

Metals still continue dull. The failure of the Oxford Iron Company did not affect the market. Both Scotch and American Pig Iron are nominal; no sales having been reported during the week except in a retail way. Mills running on Steel Rails are now employed with orders ahead at \$42@ 44 per ton; the former price delivered at the mill.

Ocean freights are fairly active. To Liverpool engagements have been made by steam for cotton at $\frac{1}{4}$ d. Flour at 2s. 6d. per bbl.; grain at 6d. per bushel of 60 lbs. To London, by steam, for grain, 7d. To Havre, by steam, cotton, $\frac{3}{4}$ c. compressed; To Bremen by steam, cotton, 11-16c. compressed.

The following quotations of sales of Railway and other securities are in addition to those given elsewhere in our columns:—

New York.—Iowa Midland R. R. 8s, 105; Central Pacific State Aid bonds, 105; Kansas Pacific

7s, Denver Div., with coop. certifi., $67\frac{1}{2}$; Nashville, Chattanooga and St. Louis 1st mort., $100\frac{1}{4}$; Ind., Bloom. and Western 1st mort., int. certifi., $22\frac{1}{2}$; Dubuque and Sioux City R. R., 65; do. 7s, 2d div., 105; Galena and Chicago 1st mort., $104\frac{1}{2}$; Kansas Pacific 6s, J. & D., 1896, with coupon certifi., $97\frac{1}{2}$; Quincy and Toledo 1st mort., ex mat. coupon., 73; Missouri, Kansas and Texas R. R., $2\frac{1}{2}$; do. 7s, consol. ass., $40\frac{1}{4}$; Buffalo and Erie 7s, new, $111\frac{1}{2}$; Central of New Jersey consol. ass., $72\frac{1}{2}$; do. conv. ass., 69; Louisville and Nashville 2d mort., $87\frac{1}{2}$; Cleve., Col., Cin. and Ind. 7s, consol., $85\frac{1}{2}$; South Pacific 1st mort., $84\frac{1}{2}$; East Tenn., Virginia and Georgia 1st mort., $100\frac{1}{2}$; Buffalo, New York and Erie 1st mort., 1916, 105; Lehigh and Wilkesbarre consol. ass., $49\frac{3}{4}$; Nashville and Decatur 1st mort., 100; Toledo and Wabash equip. bonds, 11; Louisiana and Missouri River 1st mort., $99\frac{1}{4}$; Warren R. R., 78; New Jersey Southern R. R., 1; St. Louis and San Francisco R. R., 2; Canton Co., 18; Missouri 6s, 1883, $102\frac{1}{4}$; do. 1887, $102\frac{3}{4}$; do. 1888, $102\frac{3}{8}$; do. 1889 or 1890, $102\frac{3}{8}$; Virginia 6s, consol., ex mat. coupon, $54\frac{1}{2}$; do. consol., 2d series, 31; do. def. certifi., $5\frac{1}{4}$; Missouri 6s, H. & St. issue, 1886, 103; South Carolina 6s, non-fund, $1\frac{1}{4}$; Louisiana 7s, consol., $72\frac{1}{2}$; North Carolina 6s, old, J. & J., $16\frac{1}{2}$; Tennessee 6s, old, 33; do. new, 31; Georgia 6s, $100\frac{3}{4}$; Illinois 6s, 1879, $101\frac{1}{2}$. The latest quotations are: Adams Exp., 105 @ 105 ; American Exp., $48\frac{3}{4}$ @ $49\frac{1}{2}$; Atlantic and Pacific Telegraph, $30\frac{3}{4}$ @ 31 ; Central Railroad of New Jersey, $33\frac{3}{4}$ @ $34\frac{1}{4}$; Chicago, Burlington and Quincy, $110\frac{1}{2}$ @ $110\frac{3}{4}$; Chicago and Alton, 84 @ 85 ; do. pref., 102 @ 103 ; Chicago and Northwestern, $36\frac{1}{2}$ @ $36\frac{1}{4}$; do. pref., $68\frac{3}{4}$ @ $68\frac{3}{8}$; Chicago, Milwaukee and St. Paul, $30\frac{1}{2}$ @ $30\frac{1}{4}$; do. pref., $68\frac{3}{8}$ @ 69 ; Chicago, Rock Island and Pacific, 117 @ $117\frac{1}{2}$; Cleveland, Columbus, Cincinnati and Indianapolis, $31\frac{3}{8}$ @ 32 ; Cleveland and Pittsburg, $80\frac{1}{2}$ @ 81 ; Delaware and Hudson Canal, $49\frac{1}{2}$ @ $49\frac{3}{4}$; Delaware, Lackawanna and Western, $51\frac{1}{2}$ @ $51\frac{1}{4}$; Erie, 14 @ $14\frac{1}{2}$; do. pref., 28@ 32 ; Hannibal and St. Joseph, $14\frac{1}{2}$ @ $14\frac{1}{4}$; do. pref., $37\frac{1}{2}$ @ 38 ; Illinois Central, 79 @ $79\frac{1}{2}$; Kansas Pacific, $5\frac{1}{2}$ @—; Lake Shore and Michigan Southern $66\frac{3}{8}$ @ $66\frac{1}{2}$; Michigan Central, $69\frac{3}{4}$ @ $70\frac{1}{4}$; Morris and Essex, 83 @ $83\frac{1}{2}$; N. Y. Central and Hudson River, $113\frac{3}{4}$ @ 114 ; New York and Harlem, $137\frac{1}{2}$ @ $138\frac{1}{2}$; Ohio and Miss., $7\frac{3}{8}$ @ $7\frac{7}{8}$; do. pref., 14 @ 14 ; Pacific Mail, $16\frac{1}{2}$ @ $17\frac{1}{2}$; Panama, —@ 127 ; Pittsburg, Ft. Wayne and Chicago, 98 @ $98\frac{3}{8}$; Quicksilver, 12 @ $12\frac{1}{4}$; do. pref., 30 @ 35 ; St. Louis, Kansas City and Northern, $4\frac{1}{2}$ @ $4\frac{3}{8}$; do. pref., $20\frac{3}{4}$ @ 22 ; Union Pacific, $65\frac{3}{8}$ @ $65\frac{1}{2}$; U. S. Express, 48 @ $49\frac{1}{2}$; Wells Fargo Express, 91 @ 93 ; Western Union Telegraph, $95\frac{1}{2}$ @ $95\frac{3}{8}$; Wabash, $15\frac{3}{8}$ @ $15\frac{3}{4}$.

Philadelphia.—Western Pennsylvania R. R. 6s, 81; American Steamship Co. 6s, 80; Union and Titusville R. R. 7s, $47\frac{1}{2}$; Oil Creek 1st mort., 7s, $78\frac{1}{2}$; Allegheny Valley 7s, $88\frac{1}{4}$; Philadelphia and Reading R. R. scrip, 58; Northern Pacific pref., $17\frac{1}{4}$; Central Transp., $28\frac{3}{4}$. The latest quotations are: City 6s, $105\frac{1}{4}$ @ 108 ; do. free of tax, $115\frac{1}{2}$ @ $115\frac{3}{8}$; Pennsylvania State 6s, 2d series, —@ 104 ; do. 3d series, 111 @—; do. 6s, new loan, —@ $111\frac{1}{4}$; Philadelphia and Reading, $16\frac{3}{8}$ @ $16\frac{3}{4}$; do. Gen'l mort. 7s, comp., $102\frac{1}{2}$ @ $102\frac{1}{2}$; do. reg. $102\frac{1}{2}$ @ $103\frac{1}{4}$; do. mort., 6s, 1880, 104 @

104½; do. 7s, new conv., 55@55; do. 7s, 1893, 111½@—; United New Jersey R. R. and Canal Co., 128½@129; Pittsburg, Titusville and Buffalo R. R., 4@43½; do. 7s, 29@31; Camden and Amboy mort. 6s, 1889, 109½@—; Pennsylvania R. R., 82¾@82¾; do. 1st mort., 104½@104½; do. gen'l mort., coupon, 106½@108½; do. reg. 109@—; do. consol. mort. 6s, reg., 95½@96; Little Schuylkill R. R., 43½@45; Morris Canal, 50@—; do. pref., 124@—; Susq. Canal, —@6; do. 6s, 26@—; Schuylkill Nav. —@6; do. pref., —@8; do. 6s, 1882, 60@61; do. 1872, —@90½; Elmira and Williamsport pref., 36½@41; do. 7s, 103½@—; do. 5s, 65@—; Lehigh Coal and Navigation, 18½@18½; do. 6s, 1884, 105½@106; do. R. R. loan, 104½@105; do. Gold Loan, 94½@95; North Pennsylvania, —@41; do. 6s, 107¾@108; do. 7s, 114@—; do. Gen'l mort. 7s, reg., 105½@—; Philadelphia and Erie, —@8; do. 6s, 104@—; do. 7s, 101¼@102¼; Minehill, 49@49½; Catawissa, 4½@6; do. pref., 36½@38; do. new pref., 32½@33½; do. 7s, 1900, 105½@105¾; Lehigh Valley, 39½@40; do. 6s, new coupon, 110@112; do. reg., 111½@112; do. 7s, reg., 110¾@—; do. consol. mort., 99½@99½; Fifth and Sixth streets (horse,) —@90; Second and Third, 77@—; Thirteenth and Fifteenth, 43½@44; Spruce and Pine, —@36; Green and Coates, 44½@45; Chestnut and Walnut, 61@62½; Hestonville, 10¾@107½; Germantown, 45@50; Union, 69@72; Lombard and South, 10@15.

Baltimore.—Baltimore and Ohio R. R. 1st pref., 95; 2d. 2d pref., 90; do. scrip, 91; Baltimore 6s, 1890, 109½; do. 1900, new, 110; do. 5s, new, 105½; Canton 6s, gold, 90; Atlantic Coal, 1.20; Cincinnati 7.30s, J. & J., 103¾. The latest quotations are: Cincinnati and Baltimore, 7s, —@90; Wilmington and Weldon 7s, 96@—; Wilmington, Columbia and Augusta 7s, 20@29; Richmond and Danville 1st mort., 72½@—; Pittsburg and Connelville 7s, 1898, 94¾@95½; Baltimore and Ohio, 91¾@92; do. scrip, 91@91½; do. 6s, 1880, 101¼@103; do. 1885, 105@—; Washington Branch, 110@—; Northern Central, 14¼@14½; do. 6s, 1885, 103½@107½; do. 6s, 1900, 101@104¾; do. 6s, 1900, gold, 92@93; Marietta and Cincinnati 1st mort. 1892, 82@84; do. 2d mort. 7s, 30½@30½; do. 3d mort. 8s, 131½@133½; Central Ohio, 22@25; do. pref., —@40; do. 1st mort., 99@100; Western Maryland 1st mort. 6s, 1890, 100@103; do. 1st mort. guar., 108@—; do. 2d mort., guar., —@—; do. 3d mort. guar., 107@108½; do. 2d mort. pref., 65@70; 2d mort. guar. by Washington Co., 103@—; Virginia and Tennessee 2d mort. 6s, 93@96; do. 3d mort. 8s, 103½@105; Orange and Alexandria 1st mort. 6s, 85@—; do. 2d mort. 6s, 70@74; do. 3d mort. 8s, 37½@37½; do. 4th mort. 8s, 12@—; Orange, Alex. and Manassas 7s, 50@52; Baltimore 6s, 1884, 106@108; do. 1886, 108@109; do. 1886, new, 108@110; do. 1890, 108½@110½; do. 1900, 110½@113; do. 1900, new, 110½@111¾; do. 1902, 111@—; do. 1902, new, 111@113; do. 6s, exempt, 118@113½; do. 5s, 1894, 104@105; do. 5s, new, 105½@106; Memphis 6s, 30@—; do. new, 52½@—; Maryland Defense 6s, 1883, 108½@109½; do. 6s, exempt, 110@112½; do. 6s, 1890, 106½@—; do. 5s, 100@—; Virginia consol. 6s, 54¾@56¾; do. 2d series, 30¾@31; Virginia Consol. coupons, 79@79½; West Virginia def.

certif., 51½@6; Baltimore City Passenger R. R., 32@33½; Baltimore and Catonsville R. R., —@15; George's Creek Coal, —@90; Atlantic Coal, 1.10@1.40; Canton Co., 18@20; do. gold 6s, 90@91; Union R. R., Canton end., 103.

Boston.—Burlington and Missouri River R. R. in Nebraska 6s, exempt, 101; do. 8s, non-exempt, 99¾; Wichita R. R. 7s, 97½; Florence, El Dora and Walnut Valley 7s, 98½; Vermont Central and Vermont and Canada 8s, 26; Michigan Central (Air Line) 8s, 1890, 105; Portsmouth, Gt. Falls and Conway 7s, 75½; Ogdensburg and Lake Champlain 8s, 1890, 102¼; Kansas City St. Joseph and Council Bluffs 7s, 1907, 86¾; Middlesex Horse R. R. 8s, 1885, 111¼; Boston and Maine 7s, 1894, 115½; Essex R. R. 6s, 1896, 91½; Rutland 8s, 1880, equip., 44¼; New York and New England R. R., 25¼; Chicago, Dubuque and Minnesota R. R., 53½; Connecticut and Passumpsic Rivers R. R., 51; Maple River R. R., 20¼; Iowa Falls and Sioux City R. R., 54¼; Quincy Bridge, 112½; Massachusetts 5s, 1895, 110¼; Cincinnati 7.30s, 1906, R. R. L., 100; Toledo 8s, 1893, W. L., 109¾; Chicago 7s, 106@108¾; Lowell 6s, 1890, 110½; Chelsea 6s, 1895, 110½.

Western Union Telegraph Co.

According to the quarterly report of the Western Union Telegraph company, just issued, the correct balance June 30, 1878, was \$1,077,703 96.—being \$8,689 47 less than the estimate. There have since been expended \$708,620 40, leaving on hand \$369,083 56. The net profits of the current quarter, ending September 30, 1878, partly estimated, are put down as about \$1,001,364 73. From this will be deducted for interest, construction, and sinking fund account \$179,000, and in payment of a dividend of 1½ per cent \$525,936, which will leave a balance of \$665,512 29. A dividend of 1½ per cent was declared, payable Oct. 15, and the books were ordered closed from Sept. 20 to Oct. 16 for the purpose of the annual meeting of stockholders to be held Oct. 9.

At the annual meeting of the Mississippi Valley Railway Company, held at Rock Island, Que., on the 4th inst., the following gentlemen were chosen directors: Emmons Raymond, W. K. Blodgett, Gardiner C. Brown, F. A. Peters of Boston; T. Lee Terrell Stansfeld; Chas. Brook and R. N. Hall, Sherbrooke, Que.; Lucius Robinson, Newport, Vt.; Stephen Foster, Rock Island. The officers are: R. N. Hall, President; Chas. Brook, Vice President; H. E. Folsom, Superintendent; Stephen Foster, Treasurer.

A meeting was held in Woonsocket, Rhode Island, on the 4th inst. to formally initiate a movement to build a railroad from that place to Providence and Springfield. The railroad will be less than five miles, opening another connection with Providence. Trustees were chosen, ex-Governor Lippitt, being one, to procure a charter.

The Warren, Ohio, Record says that a corps of engineers, with James Reno as chief, is now engaged in running a railroad line from Warren to Ravenna, following the canal towing path. A railroad intersecting the Dunkirk, Allegheny Valley and Pittsburg Railroad at Warren and the Cleveland and Pittsburgh Railroad at Ravenna, would enable the Pennsylvania Company to com-

pete with the Cleveland and Mahoning Valley Railroad, and the Baltimore and Ohio Railroad for Mahoning valley business.

Business of the Canals.

The Canal Auditor has prepared a comparative statement showing the amount of business done on the canals during August and since the opening of navigation this year and last. The tolls received in August amounted to \$138,117 26, against \$137,956 09; total miles of boats cleared, 1,031,440, against 1,161,958; total tons, 716,618, against 729,503. Since the opening of navigation to September 1, the tolls amounted to \$547,640 20, against \$443,904 05; total miles of boats cleared 4,031,929, against 3,662,134; total tons, 2,924,459, against 2,656,571. Increase in receipts, \$103,736 15; increase in tonnage, 267,888.

Union Pacific Railroad.

The following is a comparative statement of the earnings and expenses of the Union Pacific Railroad Company, including Missouri River Bridge, for the month of July,

	1877.	1878.
Earnings	\$1,033,591 77	\$1,014,968 55
Expenses	525 852 87	386,346 79

Surplus \$507,738 90 \$628,611 76—showing a decrease in earnings of \$18,633 22, with a decrease in expenses of \$139,506 08—making an increase in surplus of \$120,872 86.

The exports of corn from Baltimore for the crop year ending August 31, 1878, were 19,340,218 bushels; and of wheat, 12,926,119 bushels—a total of 32,266,337 bushels; against 20,476,285 bushels of corn and 2,285,338 bushels of wheat—an aggregate of 22,761,623 bushels, in 1877; showing an increase of 9,504,714 bushels.

Articles of incorporation have been filed in the office of the Secretary of State of Ohio of the Waynesville, Harveysburg and Wilmington Railway Company, to run from Waynesville, in Warren county, through the counties of Warren and Clinton, terminating at or near Wilmington, capital stock \$75,000, by J. W. Haines and others.

The earnings of the Wabash Railroad Company for the month of July were \$382,034, the expenses \$312,213, and the net earnings \$69,821; net earnings from January 1, to June 30, \$480,108—total net earnings for seven months, \$549,929.

Thomas A. Scott, George B. Roberis, James Magee, John M. Kennedy, Wistar Morris, Josiah Bacon, N. Parker Shortridge, James Young, and Lewis Elkin have been elected Directors of the Harrisburg, Portsmouth, Mount Joy and Lancaster Railroad Company.

Seven new iron bridges are being constructed on the Allegheny Valley Railroad between Warren and Laona. Two near Russellburg, two at Falconer's, one near Moon's, one at Glasgow, and one at Laona.

Col. Wm. A. Kuper, the first engineer of the Chesapeake and Ohio railroad, has been appointed chief engineer of the Cincinnati Southern railroad.

Ground was broken on the 2d inst. for the Souris, Prince Edward Island, Railway Extension.

RAILROAD AND CANAL DIVIDEND STATEMENT.

Showing the amount of Stock Outstanding, the Dividend Periods and the date of last Dividend.

Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.	Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.	Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.
Albany and Susq*.....100	\$3,500,000	J. & J.	July '78 34	Little Schuylkill*.....50	\$2,648,100	J. & J.	July '78 34	Ware River*.....100	\$750,000	J. & J.	July '78 34
Atlantic and West Point.....100	1,232,200	J. & J.	July '78 4	Long Island.....50	3,000,000	M. & S.	May '78 100	Warren (N. J.).....100	1,800,000	A. & O.	Oct. '78 34
Atlantic and Gulf guar.....100	788,476	M. & N.	Nov. '78 34	Louisv., Cin. and Lex.....50	1,623,483	J. & J.	July '69 3	Warwick Valley.....100	225,000	A. & O.	Oct. '78 34
Atlantic and St. Law*.....100	5,000,000	M. & S.	Sept. '78 3	" " pref.100	848,700	J. & J.	Jan. '74 44	Westchester & Phil. pref.100	821,300	J. & J.	July '78 34
Augusta and Savannah.....100	1,922,000	J. & D.	Dec. '77 34	Louisville & Nashville.....100	9,003,418	F. & A.	Aug. '78 14	West Jersey.....100	1,553,750	F. & A.	Aug. '78 34
Avon, Genesee & M. T. M.*100	225,000	A. & O.	Jan. '78 3	Louisv., N. Alb. & Chi.....100	3,000,000	J. & D.	Dec. '70 3	Wilmington & Weldon.....100	1,453,200	J. & D.	June '78 3
Baltimore and Ohio.....100	13,151,962	M. & N.	May '78 4	Lowell and Andover.....100	500,000	J. & J.	July '78 34	Winchester & Potomac*100	180,000	J. & J.	July '78 34
Washington Br.....100	1,650,000	A. & O.	June '78 25	Lowell and Lawrence.....100	200,000	A. & O.	Apr. '78 2	Winchester & Strasburg*100	600,000	J. & J.	July '78 34
Berkshire.....100	320,500	quarterly	Apr. '78 14	Lykens Valley.....100	600,000	F. M. A. N.	Feb. '78 24	Worcester and Nashua. 75	1,789,800	J. & J.	July '78 2
Boston and Albany.....100	20,000,000	M. & N.	May '78 4	Manchester and Law.....100	1,000,000	M. & N.	May '75 5	HORSE-POWER R. R.			
Bos., Cin., F. & N. Bed.100	2,423,500	"	"	Marietta & Cincinnati.....50	1,408,912	"	"	Albany City.....100	110,300	"	"
Agricultural Br. guar.....100	60,000	J. & D.	June '78 3	" " 1st pref. 50	8,130,719	M. & S.	Sep. '66 34	Baltimore City.....25	1,000,000	J. A. J. O.	July '78 5
Bost., Conc. & Mont.*pref.100	800,000	M. & N.	May '78 3	" " 2d pref. 50	4,460,368	M. & S.	Sep. '66 34	Balt., Cat. & El. Mills.....100	"	J. & J.	July '78 5
Boston and Lowell.....500	3,250,000	J. & J.	June '78 2	Massawippi*.....100	400,000	F. & A.	Aug. '78 1	Boston & Chelsea pref.....100	110,000	A. & O.	Apr. '78 34
Boston and Maine.....100	6,921,274	M. & N.	May '78 3	Memphis & Charleston* 25	5,312,725	J. & D.	Jan. '69 3	Broadway (Brooklyn).....100	200,000	J. A. J. O.	Apr. '78 34
Boston and Providence.....100	4,000,000	M. & N.	May '78 3	Michigan Central.....100	18,788,204	J. & D.	June '78 2	Broadw. & 7th Av. (N. Y.)100	2,100,000	J. A. J. O.	Apr. '78 34
Attleborough Branch.....100	131,700	J. & J.	July '78 34	Middlesex Central.....100	2,130,348	F. & A.	Aug. '78 13	Brooklyn & Hunter's Pt.100	400,000	A. & O.	Apr. '78 34
Bost., Revere B. & Lynn.....100	350,000	J. & D.	Dec. '78 2	Mill Creek & Minehill* 50	323,375	J. & J.	July '78 5	Brooklyn City.....100	2,000,000	F. M. A. N.	Feb. '78 34
Buffalo, N. Y. and Erie.....100	960,000	J. & D.	June '78 34	M. Hill & Schuyl. Hav.* 50	3,856,450	J. & J.	July '78 34	Bushwick (Brooklyn).....100	309,000	J. & J.	July '78 34
Burl. & Mo. Riv. in Neb.100	8,837,900	F. & A.	Aug. '78 2	Mobile and Montgomery.....100	2,794,800	"	"	Jambridge.....100	824,300	A. & O.	Oct. '77 34
Camden and Atlantic.....50	377,400	quarterly	Apr. '78 2	Morris and Essex*.....50	15,000,000	J. & J.	July '78 34	Gen. Park, N. & E. Riv.100	1,068,400	J. & J.	July '78 34
" " pref. 50	838,311	quarterly	Apr. '78 2	Mt. Carbon & Pt. Carbon.....50	282,350	J. & J.	July '78 6	Citizens' (Phil.).....50	600,000	J. & J.	Jan. '78 10
Camden & Burl. Co.....100	381,925	J. & J.	July '78 3	Nashua and Lowell.....100	800,000	M. & N.	May '78 2	Citizens' (Pbg.).....50	200,000	M. & N.	Nov. '77 10
Orpe May and Millville.....100	447,000	J. & D.	Dec. '77 3	Nashua and Rochester.....100	1,185,000	A. & O.	Oct. '77 3	Coney Island & Brookl.100	600,000	"	"
Canasqua & Fogslev.....50	428,900	Novemb.	Nov. '74 6	Nashville and Decatur.....100	1,529,000	J. & D.	June '78 3	Continental (Phila.).....50	180,000	M. & N.	July '78 24
Catawissa.....50	1,159,500	Oct.-ber.	Oct. '77 41	Nash., Chat. & St. Louis.....100	6,675,256	A. & O.	Apr. '78 1	D. Dock E. Bdw. & Bat.100	1,200,000	F. M. A. N.	Feb. '78 2
" " pref. 50	2,200,000	M. & N.	May '78 34	Naugatuck.....100	2,000,000	J. & J.	July '78 5	Elizabeth and Newark.....100	200,000	"	"
" " 2d pref. 50	1,000,000	M. & N.	May '78 3	Nesquehoning Valley*.....50	1,000,000	M. & S.	Sep. '78 5	42nd St. & G. St. Ferry.....100	748,000	M. & N.	Nov. '77 5
Cayuga and Susq*.....50	689,110	J. & J.	July '78 5	N. Castle & Beaver Val.* 50	1,500,000	quarterly	Apr. '78 24	Frankf. & Southw. (Ph.) 50	600,000	J. & J.	Jan. '78 9
Oedar Rapids & Mo. R.*100	6,840,400	F. M. A. N.	Aug. '78 1	N. Haven & Northamp.....100	605,000	quarterly	Oct. '78 3	Germantown (Ph.).....50	1,000,000	J. & J.	July '78 3
" " pref.100	769,000	F. & A.	Aug. '78 34	New London Northern*100	1,418,800	quarterly	Apr. '78 14	Girard College (Ph.).....50	500,000	J. & J.	July '78 3
Central of Georgia.....100	7,500,000	J. & J.	Jan. '78 4	N. Y. Cen. & Hudson R.*100	89,428,330	quarterly	Oct. '78 2	Grand St. and Newton.....100	170,000	J. & J.	July '78 2
Central of New Jersey.....100	20,600,000	quarterly	Apr. '78 24	New York and Harlem.....100	8,500,000	J. & J.	July '78 4	Green & Coates St. (Ph.) 50	500,000	J. & J.	Jan. '78 2
Central Ohio*.....50	2,425,000	J. & J.	July '78 2	" " pref.100	1,600,000	J. & J.	July '78 4	Heston, Mantau & Fairm. 50	2,050,000	J. & J.	Jan. '78 14
" " pref. 50	400,000	J. & J.	July '78 3	" " City Line.....100	15,500,000	J. & J.	July '78 6	Highland.....100	290,000	M. & N.	Nov. '77 4
Central Pacific.....100	54,275,500	A. & O.	Oct. '77 46	N. Y., N. H. & Hartf.....100	15,500,000	J. & J.	July '78 6	Lomb. & South Sta. (Ph.) 25	105,000	A. & O.	Oct. '77 6
Chemung.....100	380,000	quarterly	July '78 14	N. Y., Provid. & Boston.....100	3,000,000	quarterly	Aug. '78 24	Lynn and Boston.....100	200,000	"	"
Cheshire, preferred.....100	2,155,300	J. & J.	July '78 1	Ning. Bridge & Oand*100	1,000,000	J. & J.	July '78 3	Malden and Melrose.....100	200,000	"	"
Chicago and Alton.....100	10,065,400	M. & S.	Sep. '78 34	North Carolina*.....100	4,000,000	M. & S.	Mar. '78 5	Metropolitan (Boston).....50	1,500,000	J. & J.	July '78 4
" " pref.100	2,425,400	M. & S.	Sep. '78 34	N. Eastern (S. C.) pref.100	96,000	M. & N.	Nov. '77 4	Middlesex (Boston).....100	400,000	M. & N.	May '78 3
Chicago, Burl. & Quincy.....100	27,598,242	J. & J.	Sept. '78 4	North Pennsylvania.....50	3,978,156	F. & A.	Aug. '78 26	Ninth Avenue (N. Y.).....100	797,320	"	"
Chicago, Iowa & Nebras*100	3,916,200	M. & S.	July '78 5	Northern Central.....50	5,842,000	A. & O.	Apr. '78 3	Orange and Newark.....100	282,555	"	"
Chi., Mil. and St. Paul.....100	15,404,261	A. & O.	Dec. '70 7	Northern N. Hampsh.....100	3,088,400	J. & D.	June '78 24	Philadelphia City.....50	475,000	J. & J.	July '78 4
" " pref.100	12,279,483	A. & O.	Apr. '78 34	Northern New Jersey.....100	1,000,000	J. & J.	July '77 2	Philadelphia and Darby.....100	200,000	J. & J.	July '77 2
Chicago & N. Western.....100	14,988,877	J. & D.	June '78 3	Norwich & Worcester*100	2,604,400	J. & J.	July '78 5	Phila. and Grey's Ferry.....100	284,775	J. & J.	Jan. '78 2
" " pref.100	22,028,503	J. & D.	June '78 34	Ogden & L. Champl.*100	3,077,000	J. & J.	July '78 2	Pbg. Alleg. & Manchester.....100	200,000	quarterly	Apr. '78 2
Chicago, R. I. & Pacific.....100	20,980,000	quarterly	Aug. '78 2	Ohio and Mississippi.....100	2,000,000	A. & O.	Apr. '78 4	Second Avenue (N. Y.).....100	1,199,500	J. A. J. O.	Apr. '78 2
Cin., Ham. & Dayton.....100	3,500,000	A. & O.	Apr. '78 4	" " pref.100	4,030,000	J. & D.	Mar. '78 34	Second & Third St. (Ph.) 40	962,100	quarterly	Jan. '78 3
Cin., Sand. and Cleve.* 50	2,980,550	"	Apr. '72 10	Old Colony.....100	6,733,800	J. & J.	July '78 3	17th & 19th streets (Ph.) 50	500,000	J. & J.	Nov. '77 5
" " pref. 50	413,150	M. & N.	May '78 3	Oswego and Syracuse.....100	482,400	F. & A.	Feb. '78 3	Sixth Avenue (N. Y.).....100	750,000	M. & N.	Jan. '78 4
Clev., Col., Cin. & Ind.....100	14,991,800	F. & A.	Feb. '78 3	Panama.....100	7,000,000	quarterly	Aug. '78 3	Third Avenue (N. Y.).....100	2,000,000	F. M. A. N.	Feb. '78 5
Cleveland & Mahoning* 50	2,057,569	M. & N.	May '77 34	Paterson and Hudson*100	632,000	J. & J.	July '78 4	13th & 15th street (Ph.) 50	1,000,000	J. & J.	July '78 24
Cleveland & Pittsburg* 50	11,236,150	quarterly	Sep. '78 12	Paterson and Newark*100	250,000	J. & J.	July '78 4	23d street (N. Y.).....100	600,000	J. & J.	Jan. '78 4
Columbus and Xenia*.....50	1,786,800	M. & S. D.	Sep. '78 12	Paterson and Ramapo*100	248,000	J. & J.	July '78 3	Somerville (Boston).....100	98,000	M. & N.	May '78 3
Colum. & Hocking Val.100	2,500,000	F. & A.	Aug. '78 4	Pember. & Hightstown* 50	342,150	J. & J.	May '77 14	South Boston.....50	450,000	J. & J.	July '78 3
Concord.....100	1,500,000	M. & N.	May '78 5	Pennsylvania.....50	68,870,200	quarterly	Feb. '78 4	Union (Boston).....100	374,800	J. & J.	July '78 5
Concord and Ports.....100	850,000	J. & J.	July '78 34	Peoria & Bureau Val.....100	1,200,000	F. & A.	Feb. '78 4	Union (Phila.).....50	400,000	J. & J.	July '78 5
Conn. & Passump Riv. I 0	2,178,700	F. & A.	Aug. '78 1	Philadelphia and Erie* 50	6,004,300	J. & J.	Jan. '75 4	West Philadelphia.....50	400,000	J. & J.	July '77 10
Connecticut River.....50	2,100,000	J. A. J. O.	July '78 24	" " pref. 50	2,400,000	J. & J.	Jan. '75 4	CANALS.			
Cumberland Valley.....10	1,292,950	J. A. J. O.	July '78 24	Phil. Ger. & Norristown* 50	1,626,250	M. J. S. D.	Sep. '78 3	Chesapeake & Delaware.....50	1,983,563	J. & D.	June '75 2
" " 1st pref. 50	241,900	A. & O.	Apr. '78 4	Philadelphia & Reading.....50	32,726,375	quarterly	July '78 24	Delaware Division.....50	1,833,350	F. & A.	Feb. '78 4
" " 2d pref. 50	243,000	A. & O.	Apr. '78 4	Phila. and Trenton*.....100	1,259,100	quarterly	July '78 24	Delaware and Hudson.....100	20,000,000	F. & A.	Aug. '78 4
Danbury and Newalls.....50	600,000	quarterly	Mar. '78 14	Phila. Wil. & Balt.....50	11,564,250	J. & J.	July '78 4	Delaware and Raritan*100	5,847,400	quarterly	July '78 24
Dayton & Michigan.....50	2,39,350	A. & O.	Apr. '78 14	Pittsb., Ft. W. & Chi.*100	19,714,285	quarterly	July '78 14	Lehigh Coal & Navigat. 50	10,948,550	J. S. D. M.	Sept. '78 14
" " pref. 50	1,236,100	quarterly	July '78 2	" " Special Imp.100	5,504,300	quarterly	July '78 14	Monongahela Navigat. 50	1,003,500	J. & J.	Jan. '78 6
Delaware*.....50	1,230,950	J. & J.	July '78 3	Pittsfield & N. Adams.....100	460,000	J. & J.	July '78 24	Morris (consolidated).....100	1,025,000	F. & A.	Feb. '78 2
Del., Lackaw. & Westn. 50	26,300,000	quarterly	June '78 24	Portl., Saco & Portsm.....100	1,500,000	J. & J.	July '78 3	" (preferred).....100	1,175,000	F. & A.	Feb. '78 5
Detroit & Milwaukee* 50	822,140	"	"	Providence & Worcester.....100	2,000,000	J. & J.	July '78 2	Pennsylvania.....50	4,337,950	"	"
" " pref. 50	2,095,000	J. & D.	Dec. '69 7	Railroad & Gaston.....100	1,500,000	J. & J.	Jan. '78 4	Schuyl. Nav. (common)* 50	1,908,207	annually	A. '78 70c.s
Dubuque & Sioux City*100	5,000,000	A. & O.	Apr. '78 3	Rensselaer & Saratoga*100	6,000,000	J. & J.	Jan. '78 4	" (pref.) 50	2,888,977	annually	A. '78 140c.s
East Pennsylvania*.....50	1,409,200	J. & J.	July '78 3	Richmond & Petersburg.....100	1,008,800	J. & J.	July '78 2	MISCELLANEOUS.			
East Mahanoy.....50	392,950	J. & J.	July '78 3	Roch. & Genesee Val.*110	555,200	J. & J.	Jan. '78 3	Adams Express.....100	12,000,000	quarterly	June '78 2
East Tenn., Va. & Ga.....100	1,068,274	A. & O.	Apr. '78 3	Rome, Watert. and Ogd.....100	2,998,900	J. & J.	July '75 3	American Coal.....25	1,500,000	M. & S.	Sep. '77 24
Eastern (Mass.).....100	4,997,000	J. & J.	July '78 3	Rutland preferred.....100	4,168,700	F. & A.	Feb. '75 34	American Express.....100	18,000,000	J. & J.	July '78 14
Eastern (N. H.).....100	492,500	F. & A.	Feb. '78 24	St. Croix and Penobscot.....100	100,000	J. & J.	July '71 2	Amoskeag Manuf. Co.....100	3,000,000	J. & D.	Aug. '78 5
Elmira, Jof. & Canand*.....100	800,000	M. & N.	Nov. '77 24	St. L., Alt. & T. Haute.....100	2,300,000	"	"	Calumet and Hecla Mining.....100	80,000 shs	F. M. A. N.	Aug. '78 45
Elmira & Williamsport* 50	800,000	J. & J.	July '78 34	St. L., I. Mt. & South'n.....100	14,248,950	F. & A.	Feb. '78 2	Central Mining Co.....100	"	Annual.	Feb. '78 45
" " pref. 50	600,000	M. & N.	July '78 34	St. L., Kan. C. & North.....100	12,000,000	"	"	Consolidation (Md.) Coal.....100	10,250,000	M. & S.	Jan. '77 24
Erie Railway.....100	70,000,000	"	"	" " pref.100	12,000,000	"	"	George's Creek C. & I.100	"	J. & J.	Jan. '78 3
" " pref.100	8,539,910	"	"	Sal'em and Lowell.....100	2,433,500	M. & S.	Mar. '78 70c	Gilberton Coal Co.....100			

The Coal Trade.

The total tonnage of anthracite from all the regions for the week ending August 31st, as reported by the several carrying companies, amounted to 372,579 tons, against 312,271 tons in corresponding week last year, an increase of 59,308 tons. The total amount of anthracite mined for the coal year is 10,505,454 tons, against 12,645,588 tons for same period last year, a decrease of 2,140,134 tons. The quantity of bituminous coal sent to market for the week amounted to 81,602 tons, against 98,878 tons in corresponding week last year, an increase of 17,276 tons. The total amount of bituminous mined for the year is 2,084,466 tons, against 2,092,952 tons for corresponding period last year, an increase of 8486 tons. The total tonnage of all kinds of coal for the week is 454,181 tons, against 411,149 tons in corresponding week last year, an increase of 43,032 tons, and the total tonnage for the coal year is 12,589,920 tons, against 14,738,540 tons to same date last year, a decrease of 2,148,620 tons. The product of the mines of the Cumberland coal region for the week ending August 31 was 45,937 tons, and for the year to that date 991,866 tons, an increase of 78,012 tons as compared with the corresponding period of last year. The shipments to the Baltimore and Ohio Railroad were, for the week, 21,507 tons; for the year, 556,649 tons, an increase of 28,878 tons as compared with 1877. The shipments to the Chesapeake and Ohio Canal were, for the week, 19,067 tons; for the year, 358,490 tons, an increase of 61,716 tons as compared with 1877. The quantity of coal and coke carried over the Pennsylvania Railroad for the fourth week in August was 99,660 tons, of which 80,624 tons were coal, and 19,036 tons coke. The total carried for the year is 8,065,995 tons, of which 2,399,758 tons were coal and 566,370 tons coke. These figures embrace all the coal carried over the road, east and west. The amount of stock on hand at Perth Amboy on the 31st of August was 75,882 tons. Receipts during the week 1995 tons, giving a total to September 7th of 95,077 tons. The shipments during the week were 13,165 tons, leaving of stock on hand 81,912 tons. The stock on hand August 31, 1877, was 58,819 tons.—*Phila. Ledger, Sept. 9.*

Cold Rolled Iron and Steel.

We have received the "Report on Cold Rolled Iron and Steel, as Manufactured by Jones & Laughlin's American Iron Works, Pittsburgh," by Prof. Robert H. Thurston, of the Stevens Institute of Technology. This volume, embodying the investigations of the writer, extending over more than a year, forms the most complete research upon the properties of any of the many metals used in engineering construction that has yet been made. Even for this alone, the results reflect honor on a private firm, in work that is usually left to Government patronage. The tests exhibiting the fact that cold rolling produces a bar of more uniform strength from surface to centre than is made by the common process of hot rolling, are as important as the results are novel. Later tests which exhibit the fact that the "mild" or "low" steels, so-called, are benefited by the process, are, if possible, of greater value than those of iron, since the use of these mild steels—or, more properly, homogenous iron—seems certain to result in time in the exclusion of puddled iron and steel from all engineering work.—*Pitts. Chron.*

At a meeting of the directors of the Canada Central Railway Company in Brockville, Ontario, on the 3d inst., the following appointments were made: John G. Richardson, President; Arthur Baker, Grand Manager; T. A. McKinnon, Superintendent, and C. Matthear, Treasurer.

The directors of the Albert Railway Company, recently chosen, are: A. E. Killam, President and Manager, Geo. McKean, W. H. Thorne, R. T. Clinch, Hon. John Lewis. Thor. McHenry

is Secretary and Elisha Tingly, Treasurer. The office of the company is at Hillsboro, New Brunswick.

Imports of Dry Goods at New York.

The imports of foreign dry goods at New York for the month of August, were:

ENTERED FOR CONSUMPTION.		
	1877.	1878.
Manufactures of wool...	\$2,459,828	\$2,080,229
" cotton..	1,444,811	1,469,419
" silk	2,354,732	2,654,276
" flax	873,012	1,041,531
Miscellaneous dry goods.	734,061	572,237
Total.....	\$7,865,944	\$7,817,692

WITHDRAWN FROM WAREHOUSE.

	1877.	1878.
Manufactures of wool...	\$1,321,877	\$1,221,668
" cotton..	463,557	368,545
" silk	675,407	427,380
" flax	419,323	409,134
Miscellaneous dry goods.	106,742	117,913
Total.....	\$2,986,906	\$2,544,635
Add entered for consump	7,865,944	7,817,692

Thrown upon market....\$10,852,850 \$10,362,327

ENTERED FOR WAREHOUSING.

	1877.	1878.
Manufactures of wool...	\$1,133,401	\$1,079,680
" cotton..	298,935	297,940
" silk	570,741	403,280
" flax	478,819	337,784
Miscellaneous dry goods.	139,405	110,898
Total.....	\$2,619,301	\$2,229,582
Add entered for consump	7,865,944	7,817,692

Total entered at the port.\$10,485,245 \$10,047,274

The imports of foreign dry goods at New York for eight months from January 1 were:

ENTERED FOR CONSUMPTION.		
	1877.	1878.
Manufactures of wool....	\$9,184,528	\$8,258,804
" cotton...	9,999,400	9,619,098
" silk.....	13,566,495	12,692,222
" flax	6,423,447	6,360,683
Miscellaneous dry goods.	8,992,143	3,543,873
Total.....	\$43,166,013	\$40,474,680

WITHDRAWN FROM WAREHOUSE.

	1877.	1878.
Manufactures of wool....	\$4,919,831	\$4,443,322
" cotton...	2,799,879	2,230,079
" silk.....	3,495,917	2,892,896
" flax	2,832,928	2,598,922
Miscellaneous dry goods.	927,994	1,067,712
Total.....	\$14,976,549	\$13,232,931
Add entered for consump.	43,166,013	40,474,680

Total thrown on the market.....\$58,142,562 \$53,707,611

ENTERED FOR WAREHOUSING.

	1877.	1878.
Manufactures of wool...	\$5,219,963	\$4,713,852
" cotton..	2,691,789	2,009,945
" silk	3,291,281	2,392,973
" flax	2,775,889	2,325,302
Miscellaneous dry goods	1,014,054	1,297,115
Total entered warehouse.	\$14,992,976	\$12,739,187
Add entered for consump.	43,166,013	40,474,680

Total entered at port\$58,168,989 \$53,213,867

The third rail of the Erie Railway has been completed as far as Binghamton, N. Y. It will be used in securing passenger business from New England and the West by the opening of a through line of Pullman sleeping coaches between

Albany and Hornellsville and the West on fast express trains.

The First Steel Bridge in America.

The Pittsburgh Chronicle says that arrangements have been made by Gen. D. D. Smith, Chief Engineer of the Chicago and Alton Railroad Company for erecting the first all-steel bridge in this country, and then adds:

Gen. Smith will be remembered by those of our readers engaged in iron and steel manufacture by his connection with the United States Government Board for testing the strength of iron and steel, experiments for which were carried on at Munhall's farm, within a few miles of the city, several years ago. General Smith's studies have recently convinced him that steel bridges can be built cheaper than those of iron. He is further persuaded that there is no steel made in America equal to that made in Pittsburgh. The bridge will be erected over the Missouri river, on the line of the Chicago and Alton Railroad. It will be of five spans of 350 feet each, the elevation over high water mark will be not less than 80 feet, at which height, the light steel rods of the "Howe truss" will look like cob webs, but for all that the bridge will have a bearing strength reached by but few existing structures in the world. The total amount of steel will be about 1,500 tons, equivalent to almost double that quantity of iron. The great point in General Smith's opinion is, that steel has a far greater uniformity of tensile strength than iron, running always above 90,000 pounds per square inch. The steel is all made here, and furnished by Messrs. Hussey, Howe & Co., of this city.

The Pittsburgh Chronicle says that the leading stockholders of the Pittsburgh and Lake Erie Railroad, have in pursuance of the agreement entered into on the organization of the company, signed trust deeds to five responsible gentlemen, whose duty it will be to prevent other railroads from absorbing the stock of the new railroad, and to see that at the Pittsburgh and Lake Erie carries the freight of all other roads without discrimination. J. I. Bennett, William H. Vanderbilt, Dr. Hostetter, Jacob Henrici, and an Ohio man whose name was not learned compose the committee.

The proposition of the Camden and Atlantic Railroad Company to buy a majority of the bonds of the Williamstown Railroad Company at the rate of \$80 for each \$1,000 bond, reserving \$4 on each bond to cover the expense of foreclosure, and guaranteeing the total of such expense shall not exceed \$1,000, has been accepted, and the Guarantee Trust and Safe Deposit Company appointed to receive the bonds from the bondholders and distribute the proceeds. The arrangement is not to be carried out unless a majority of the bonds come in.

The earnings of the Atchison, Topeka and Santa Fe Railroad for eight months ending August 31, 1878, (July reported by telegraph at \$330,000, and August at \$467,000) were \$2,305,577 09, against \$1,479,385 83 (actual) for the corresponding eight months of 1877—an increase of \$826,191 76. The land sales during the same period show an increase of \$572,225 04, or a total increase of \$1,398,416 80.

The arrivals of immigrants at this port during August aggregated 7,414, an increase over the corresponding period last year of 1,325. The total arrivals from Jan. 1 to Aug. 31 were 54,164

an increase over those of the same time last year of 9,047. Of the August arrivals, 6,073 were aliens, and 1,341 persons who had been in the United States before.

Atlantic, Mississippi and Ohio Railroad.

The receivers of the Atlantic, Mississippi and Ohio Railroad Company have submitted a report of the operations of the road and the financial condition of the company for the year ended June 30, 1878. The earnings for the year amounted to \$1,781,710, an increase of about \$41,000 over the year ending June 30, 1877. The expenses amounted to \$1,294,821, against \$1,261,646 the year before. The floods of October and November, 1877, involved expenses amounting to \$56,000; but for which the result for the year would have been a decrease of nearly \$22,000.

During the year the company's indebtedness has been decreased \$85,638 77, by the payment of back labor claims amounting to \$32,500, interest due prior to July, 1876, \$40,000, floating debt \$10,000, and bonded debt \$2,850. The cash on hand at the beginning of the year was \$51,000, and the amount held at the close was \$59,000.

The payment of interest on the divisional bonds due 1st of July, 1877, and 1st January, 1878, was begun 1st October, 1877, and 1st March, 1878, respectively, and the amount paid was \$255,330 71. The report states that the interest due 1st July, 1878, can be paid after 1st October next.

During the past year about 5,100 tons new steel rails have been put in the track, equal to about 60, and making in all 151 miles steel in a total of about 400 miles. Much improvement has been made on the line of the road, and in its bridges and other structures. Careful attention has been given to the adjustment of the local freight tariff, with satisfactory results.

The passenger transportation shows a decrease of 12,064 as compared with the previous year, a result due to the centennial travel of 1876. The tonnage transportation shows an increase of 6,560 tons. The report adds that the fact that this increase has occurred during a period of great prostration of business is an evidence of the advantages this road derives from its geographical position that must be gratifying to all who are interested in its future. No train accidents of a serious character have occurred during the year.

Erie Railway Reconstruction.

The following notice to the holders of Erie Railway shares, ordinary and preferred, has just been issued in London:

The Erie Railway Reconstruction Trustees, acting in accordance with the Amended Plan of Reconstruction, hereby give notice that they do hereby fix the 31st day of October, 1878, as the last day for receipt by them of the necessary payments or assessments on preferred and ordinary shares of the Erie Railway Company, such payments to be made to the London and County Bank, Lombard street, London—or the Farmers Loan and Trust Company, New York—for account of the Trustees.

The above date of 31st October is final and peremptory. No payment of assessments will be accepted afterwards. Shareholders neglecting to pay by that date will be excluded from the Reconstruction, and from all share interest or participation whatever in the new company. Particulars of the alternative methods of paying the assessment, together with forms of application, and all other needful information, may be had at

the Trustee's office, 1, Queen Victoria street, London, E. C.

Replacing a Broken Crank-pin at Sea.

The official report of John Lynch, Chief Engineer of the "City of Tokio," gives the following account of the labor required to repair a broken crank-pin of the vessel at sea:

Steamship City of Tokio, at sea, July 6, at 7:40 P. M., discovered the after crank pin broken. Reported the fact to Commodore Maury, who ordered the propeller shaft disconnected, in order to allow it to revolve. After a council with the commander, determined to heat the forward crank to remove the broken crank pin and replace it with a new one, but the crank being shrunk on, could not succeed. Then determined to drill and burst the eyes of the forward crank to get the pin out. In this labor we drilled six holes, 1½ inches in diameter, 14 inches deep, through the eyes of each crank, and took the pin out. Then started to drill the broken pin which was 17½ inches in diameter, and 14 inches through the eyes of the cranks. Drilled 13 inches across the centre of the pin in each end, 1½ inches in diameter, and in the inside of the forward crank. Then drilled the same number of holes to intersect them, so as to remove one-half of the pin out the eye. The after end being where the pin was broken, I did not have to drill intersecting holes. The whole time occupied in drilling the eyes of the crank and broken pin was 132 hours, and the whole amount of drilling was 720 inches of 1½ inches in diameter. All the drills, cutting drifts, and all the tools used in the work were forged and made on the ship after breaking down. To heat the crank we had to use what wood we could procure about the ship, and, to confine the heat and blaze, we built a boiler-iron furnace, with sliding doors in the top, and swinging doors in the side, to feed it, the inside being lined with fire brick. The furnace was constructed in the best shape to confine the heat around the crank, and make it so that the men could feed it and watch the heating. After getting a good expanding heat on the cranks, shrunk in the pin that we took out of the forward cranks, connected three cylinders, and got under way, all working well to port.

Annapolis and Elkridge Railroad.

The Annapolis and Elkridge Railroad case has been decided by the Circuit Court of Anne Arundel County, Md., Judges Hammond and Hayden concurring. It was an application for a permanent injunction on Messrs. F. W. Brune and Wm. G. Harrison, trustees, restraining the sale of the railroad by them under a deed of trust.

The court says that the election of five directors in April, 1872, on the resignation of the president and five directors, was illegally made by the five directors participating in the election, as six was a majority of the board of ten persons, and a less number could not elect the directors. But if acts of an agent, illegally appointed, are sanctioned and affirmed by the principal he is a de facto officer, and the principal is bound by his acts. As the directors subsequently elected allowed the issue and circulation of the bonds authorized by the in part illegally constituted board, and made no effort to stop their circulation and negotiation, it may be considered as doubtful whether the making of the deed of trust and issue of the bonds have not been adopted by the directors elected since April, 1872, and so made binding on the company. Instead of stopping these bonds they took the opposite course, and on principles of fair dealing an injunction should not now aid them. The preliminary injunction is dissolved so far as it restrains the trustees from taking possession of the property of the railroad under the deed of trust or mortgage, and the injunction is continued so far as it prohibits the sale of the road, its property and franchises in the city of Baltimore on the 2d of July or any other

pay until further order of the court. The effect of the decision is to allow, perhaps, the sale in Anne Arundel county, but not in Baltimore city.

Eastern Railroad.

The difficulties between the sections of the Railroad in Massachusetts and New Hampshire have been settled. Although forming one through line, these comprise distinct corporations, the latter having been leased to the former for 99 years on agreement that there should be paid to the stockholders of each corporation the same dividends annually. The Massachusetts company got into the hands of its creditors and the dividends were not paid; hence were instituted suits to ascertain the validity of the lease. Last week, however, a conference was held between the parties, and it was agreed to withdraw the suits on the one side, and on the other to pay a dividend of four and one half per cent on the New Hampshire stock (\$22,500 per year), the payment dating back to June, 1877. The corporations will therefore work amicably hereafter.—*Boston Traveler*.

The Treasury Department has just furnished for publication in concise tabular form a statement of the net receipts and ordinary expenditures of the Government in each fiscal year since 1855. By a comparison of the expenditures of the year 1860, with those of 1878, we find an increase of \$173,833,728. But of this increase \$99,323,560 is chargeable to increased interest on the public debt and \$26,034,093 to increased payments of pensions. This leaves an increase of \$48,576,075 chargeable to other accounts.

The Riehle Bros. (Phila. Scale Works) have just completed a newly designed Duplex Spring Testing Machine, built for the Pennsylvania Railroad Co., for the purpose of testing car and other springs. It is worked with a hydraulic jack in connection with regular scale mechanism, sealed to the U. S. Standard weight. Its maximum capacity is 50,000 lbs., and it is provided with two tables so that two springs can be tested at once for compression.

The Narrow Gauge Railway Convention, which was held in Cincinnati in July last, adjourned to meet on the 23d of October. At the last meeting many important committees were appointed, and it is confidently expected that their reports, which will be made at the coming meeting, will contain much valuable information to all engaged in the construction or operation of narrow gauge railway lines.

The Troy Times says that an engineer on the New York Central and Hudson River Railroad, who runs a locomotive between that city and New York, has introduced a new feature by placing looking glasses outside on the engine, at an angle from the cab. These enable him to see the rear part of the train at all times without putting his head out to watch for conductors' signals when making up trains.

The work of constructing the People's Passenger railway, running from Fort avenue, in South Baltimore, to Druid Hill Park, has been commenced, and is being pushed forward rapidly by the contractors, Clark & Bird. One hundred and thirty tons of iron rail are being laid down.

The Bell's Gap Railroad is to be extended to Witmer Run, in Clearfield county, Penn., about four miles beyond Glen Hope.

Northern Pacific Railroad.

The annual meeting of the stockholders of the Northern Pacific Railroad Company will be held at the offices in New York, 23 Fifth avenue, on September 25th, to elect thirteen directors, and also to take action on the proposition to authorize the receipt of the preferred stock of the company in payment for the lands already earned in the state of Oregon and in the territory of Washington. A proposition is also in course of preparation to be laid before the stockholders having reference to the immediate commencement of work west of the Missouri river, at Bismarck, with the intent that the road for the entire distance to the Yellowstone, 205 miles, shall be completed and ready for operation in one year from next spring. The company will soon advertise for bids for supplying the ties and timbers, which will be got out the coming winter.

According to the report of the Treasurer of the New York and Brooklyn Bridge Company the receipts during the month of August from all sources were \$146,667 56, and the amount expended \$115,293 88. The total receipts to date have been \$9,835,894 48, and the expenditures \$9,833,988 44. The amount of the liabilities at present outstanding is \$112,309 30. The bills receivable amount to \$1,585 44; and the cash balance in bank to the credit of the Trustees to \$1,906 04.

The new iron side-wheel freight and passenger steamer built by the Harlan & Hollingsworth Company for the Charleston, Savannah and Florida line, was launched at the Company's yards in Wilmington, Del., on the 28th ult. She is considered one of the finest steamers of her class ever built in this country. She will be delivered in New York the last of October.

The Lick Mineral Railroad, now under construction, will be $1\frac{1}{4}$ miles long, from the Springfield, Jackson and Pomeroy Railroad to the Hill coal mines, in Jackson county, O. It is being built by Price Brothers, of Jackson, O., who have bought the Hill mines, and expect to work them extensively.

The passenger conductors and trainmen of the Pennsylvania Railroad, appeared in their new uniforms and "numbers" on the 1st inst. for the first time. It has not been stated whether each officer will be known by his name or number.

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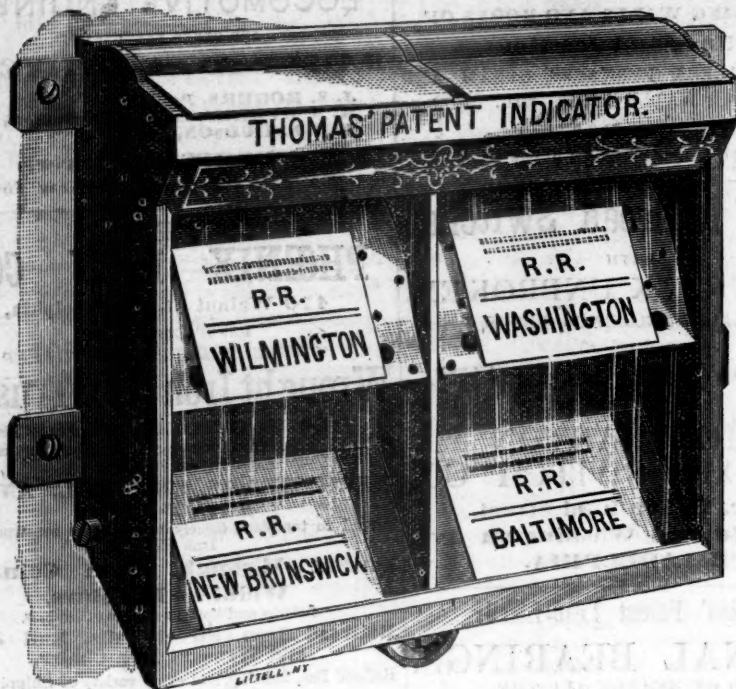
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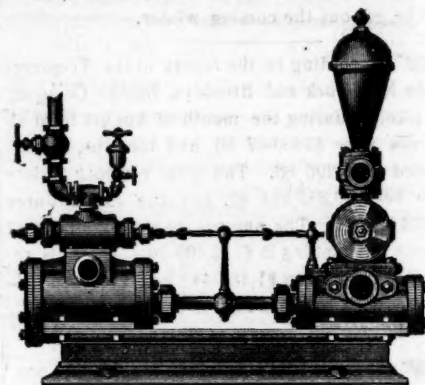
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